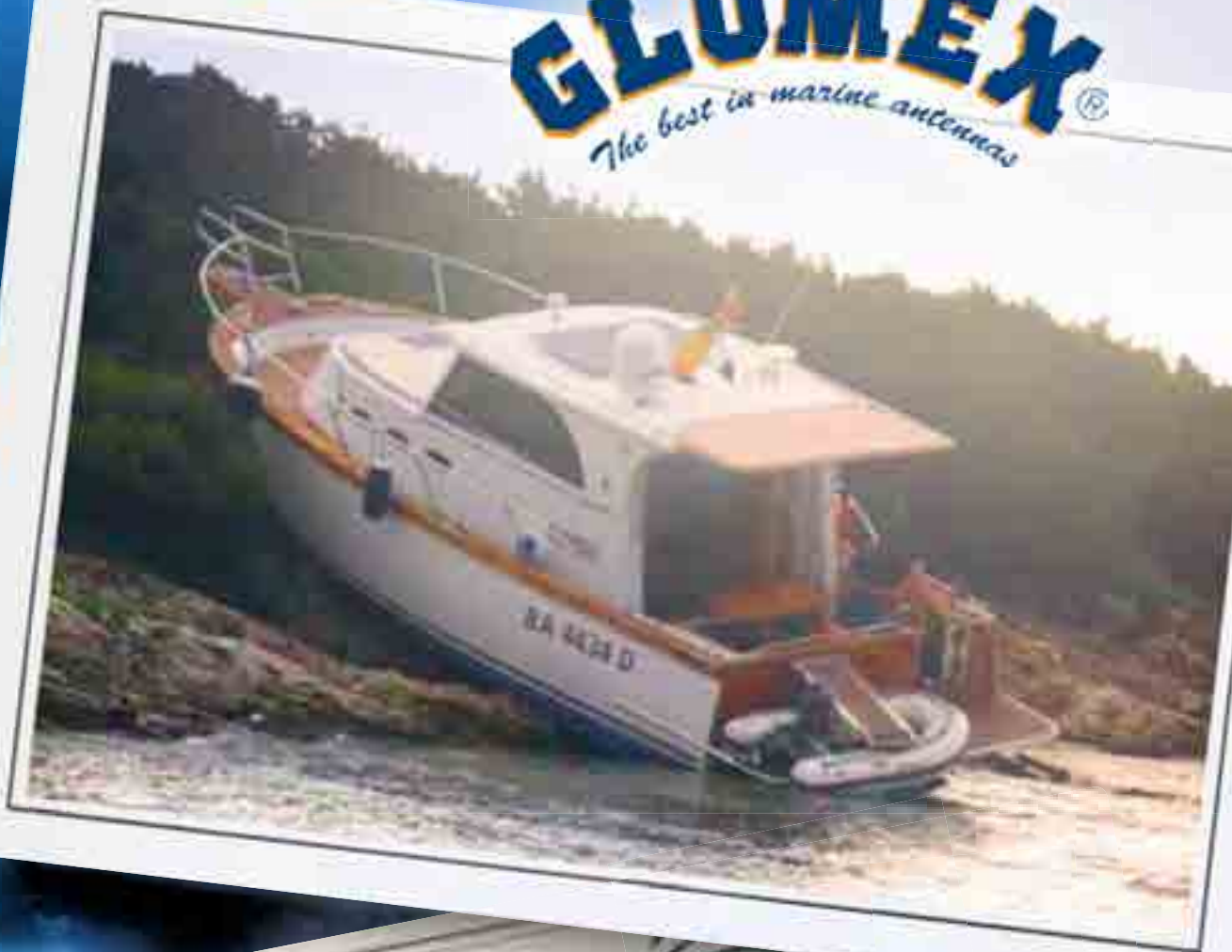


**GLOMEX**  
*The best in marine antennas*



Beware:  
watching television  
can be addictive!!



GLOMEX srl  
Via Faentina, 165/G  
48124  
Ravenna (ITALY)

*Per Seta*



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## COMPANY PROFILE

Glomex is one of the leading companies in the production of antennas and entertainment systems for the nautical sector. Born in 1984 with the ambition to improve the reliability of the maritime telecommunications and to offer its customers quality products, efficiency, investments in technology and human resources, service and style. Today Glomex is a strong reality that has consolidated commercial partnerships all over the world, with own distributors and with the largest shipyards, and is the only company of this sector offering a lifetime warranty on its products. By paying attention to the quality of the raw materials and of the production processes, Glomex has understood the requirements of yachtsmen, always ensuring a radio contact with the earth and the reception of the satellite TV and terrestrial signals.

*With Glomex, the best in marine antennas, you are never alone on the water.*

## PROFIL SOCIÉTAIRE

Glomex est une des sociétés leader dans la fabrication d'antennes et de systèmes de divertissement destinés au secteur nautique. Elle a été fondée en 1984 avec l'ambition d'améliorer la fiabilité des télécommunications maritimes et d'offrir à ses clients des produits et des services de qualité, en se distinguant par son professionnalisme, son efficacité, ses innovations technologiques et son style. Aujourd'hui, Glomex est une réelle force qui a consolidé des partenariats commerciaux dans le monde entier, avec ses distributeurs et avec les plus grands chantiers navals. Elle est aussi la seule société de ce secteur à offrir une garantie à vie sur ses produits. Très attentive à la qualité des matières premières et aux processus de fabrication, Glomex a compris les réelles exigences des plaisanciers, garantissant toujours un contact radio avec la terre et la réception des signaux TV satellites et terrestres.

*Avec Glomex, le meilleur en antennes marines, vous n'êtes jamais seul sur l'eau.*

## PROFILO SOCIETARIO

Glomex è una delle aziende leader nella produzione di antenne e sistemi d'intrattenimento destinati al settore nautico. Nasce nel 1984 con l'ambizione di migliorare l'affidabilità delle telecomunicazioni marittime e offrire ai propri clienti qualità di prodotto e servizio, professionalità, innovazione tecnologica e stile. Oggi Glomex è una forte realtà aziendale che ha consolidato partnership commerciali in tutto il mondo, con i propri distributori e con i più grandi cantieri nautici, ed è l'unica azienda del settore che offre una garanzia a vita sui propri prodotti. Prestando attenzione alla qualità delle materie prime e dei processi produttivi, Glomex ha interpretato le reali esigenze dei diportisti, garantendo sempre un contatto radio con la terra ferma e la ricezione dei segnali TV satellitari e terrestri.

*Con Glomex, the best in marine antennas, non sarai mai solo in mare.*

## LIFETIME WARRANTY

Glomex warrants its products (for VHF, CB, TV, AM/FM, ORBCOMM, AIS, SSB and MOBILE PHONE) and related mounts to be free of production defects for as long as the products remain the property of the original purchaser. Glomex commits itself to repair and to replace the products that, after inspection, show conformity defects, relating to materials and to working and production processes. No material will be repaired or replaced without written authorization from Glomex or its assigned representatives. Glomex is in no event liable for consequential damages, installation costs or costs of any nature incurred as a result of the use of the products manufactured by Glomex, whether used in accordance with instruction and maintenance or not. Glomex is not liable for repair or replacement of any products damaged by lightning or any other natural phenomenon or incorrect installation including reverse polarity connections. Proof of purchase is required and all shipping costs of the material returned are at claimer's charge.

## GARANTIE À VIE

Glomex garantit ses antennes (VHF, CB, TV, AM/FM, ORBCOMM, AIS, BLU et TÉLÉPHONES MOBILES) et ses supports contre d'éventuels défauts de fabrication, aussi longtemps que le produit reste la propriété de l'acheteur initial. Glomex s'engage à réparer et à remplacer les produits, qui après un soigneux contrôle, présentent des défauts de conformité des matériaux et des défauts de fabrication. Aucun produit ne pourra être réparé ni remplacé sans autorisation écrite de Glomex ou de ses représentants autorisés. Glomex décline toute responsabilité en cas de dommages indirects, de coûts d'installation ou de frais de tout autre nature résultant de l'utilisation de ses produits, indépendamment du fait que le mode d'emploi et les conseils concernant l'entretien aient été suivis ou non. Glomex ne pourra être tenue à réparer ou à remplacer tout produit endommagé par la foudre ou par tout autre phénomène naturel ou bien par une mauvaise installation y compris les inversions de polarité. Une preuve d'achat sera exigée et tous les coûts d'expédition du matériel retourné seront à la charge du demandeur.

## GARANZIA A VITA

Glomex garantisce le proprie antenne (VHF, CB, TV, AM/FM, ORBCOMM, AIS, SSB e PER CELLULARI) e i relativi supporti contro i difetti di fabbricazione, fin quando i prodotti rimangono di proprietà dall'acquirente iniziale. Glomex si impegna a riparare o sostituire i prodotti che, dopo un accurato controllo, presentino difetti di conformità dei materiali e di lavorazione imputabili al processo di fabbricazione. Nessun prodotto potrà essere riparato o sostituito senza un'autorizzazione scritta da Glomex, o dai suoi rappresentanti autorizzati. Glomex non è responsabile dei danni indiretti, dei costi d'installazione o dei costi di altra natura derivanti dall'utilizzo dei suoi prodotti, indipendentemente dal fatto che siano state seguite, o meno, le istruzioni d'uso e manutenzione. Glomex non risponde dei prodotti danneggiati da fulmini o da qualsiasi altro fenomeno naturale o da un'errata installazione, incluse le connessioni a polarità invertite. È necessario esibire la prova d'acquisto e tutti i costi di trasporto del materiale reso sono a carico del richiedente.

### NOTE:

Specifications may change without notice.

Les caractéristiques techniques peuvent changer sans préavis.

Le specifiche potrebbero cambiare senza preavviso.





### THE PRODUCTS WITH THE TLT LOGO HAVE BEEN TESTED AT SEA ON THE GLOMEX TEST LAB

TLT (acronym for Test Lab Tested) is the abbreviation carried by the Glomex products, which have undergone rigid quality tests in marine environment and on board of the Test Lab, before being traded. The Test Lab is a boat arranged with all necessary installation for a direct test on Glomex product reliability. Before being placed on board the Test Lab, Glomex products pass resistance tests (UV-ray exposure, mechanical, electric and electronic strain) realized for one year directly inside the company. At the end of this complex trial, the Glomex products pass to the Test Lab in order to faithfully reproduce the conditions to which an antenna is exposed during cruising and to test their real performances. The acronym TLT is then synonymous with research, development, experimentation and quality assurance.

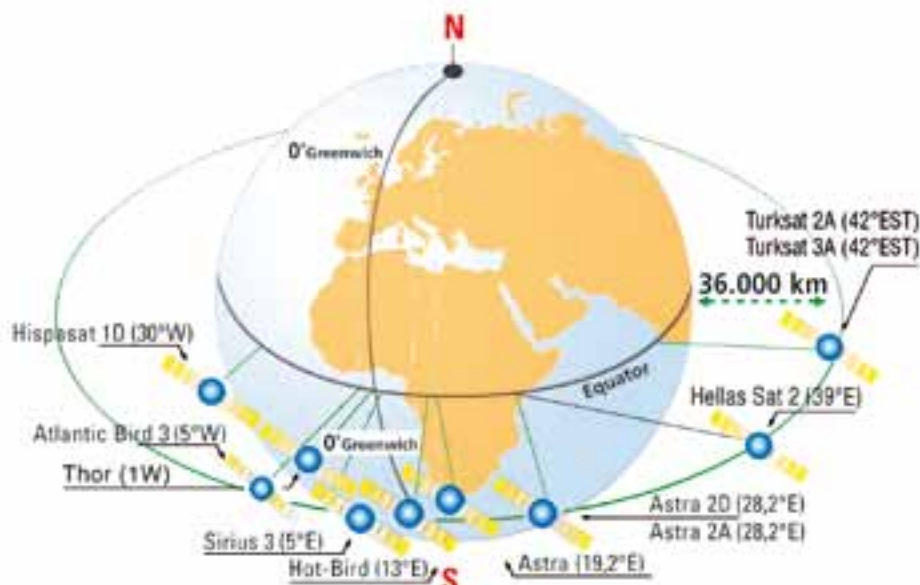
### LES PRODUITS AVEC LE SIGLE TLT ONT ÉTÉ TESTÉS EN MER SUR LE BATEAU TEST LAB DE GLOMEX

TLT (acronyme de Test lab Tested, testé en laboratoire) est le sigle utilisé sur les produits Glomex qui ont été soumis à de sévères tests de qualité en environnement marin et à bord du Test Lab, avant d'être commercialisés. Le Test Lab est un bateau équipé de toutes les installations nécessaires pour contrôler directement en mer la fiabilité des produits Glomex. Avant d'arriver à bord du Test Lab, les produits Glomex doivent passer des tests de résistance (mécanique, électrique et électronique, ainsi qu'aux rayons UV) réalisés pendant un an directement à l'intérieur de l'usine Glomex. C'est seulement au terme de ce processus complexe de contrôle que les produits Glomex sont transférés au Test Lab, afin de reproduire fidèlement les efforts auxquels une antenne est exposée au cours de la navigation et d'en tester ses performances réelles. L'acronyme TLT est donc synonyme de recherche, de développement, d'expérimentation et de garantie de qualité.

### I PRODOTTI CON IL LOGO TLT SONO STATI TESTATI IN MARE SUL GLOMEX TEST LAB

TLT (acronimo di Test Lab Tested) è la sigla riportata sui prodotti Glomex che sono stati sottoposti a rigidi test di qualità in ambiente marino, a bordo del Test Lab, prima di essere immessi sul mercato. Il Test Lab è un'imbarcazione allestita con tutti gli impianti necessari per collaudare direttamente sul campo l'affidabilità dei prodotti Glomex. Prima di arrivare a bordo del Test Lab i prodotti Glomex devono superare i test di resistenza (ai raggi UV, meccanica, elettrica ed elettronica) realizzati direttamente in azienda per un anno intero. Solo a termine di questo complesso processo di verifica, i prodotti Glomex vengono trasferiti a bordo del Test Lab per riprodurre fedelmente le sollecitazioni a cui un'antenna è sottoposta nel corso della navigazione, e testarne le effettive performances. L'acronimo TLT, quindi, è sinonimo di ricerca, sviluppo, sperimentazione e garanzia di qualità.





## INFORMATION ABOUT TV AND RADIO SATELLITES POSITION

The satellites for telecommunication are positioned on a geostationary orbit around the earth, synchronized with terrestrial rotation and relatively static according to the Greenwich meridian, at a height of about 36.000 km above the equator. The satellites are fed by solar panels and they concentrate the transmission of the signal on relatively small terrestrial areas (footprint). The effect of the satellites' signal is of highest intensity particularly in the centre of the area and weaker at the extremities. The footprints show the satellite coverage areas of the main earth satellites interacting with Glomex satellite antennas.

## INFORMATIONS SUR LE POSITIONNEMENT DES SATELLITES RADIO ET TV

Les satellites pour les télécommunications sont situés sur une orbite géostationnaire tout autour de la Terre synchronisée avec la rotation de la Terre et relativement statique par rapport au méridien de Greenwich, à une altitude d'environ 36.000 km au-dessus de l'équateur. Les satellites sont alimentés par des panneaux solaires et ils concentrent la transmission du signal sur des zones terrestres relativement petites (foot-print). Le signal du satellite est au maximum de son intensité au centre de la zone et va en s'atténuant vers ses extrémités. Les foot-prints montrent les zones de couverture des principaux satellites sur la Terre au moyen des antennes satellitaires Glomex.

## INFORMAZIONI SUL POSIZIONAMENTO DEI SATELLITI RADIO E TV

I satelliti per le telecomunicazioni sono posizionati in un'orbita geostazionaria intorno alla Terra, sincronizzata con la rotazione terrestre e relativamente statica rispetto al meridiano di Greenwich, ad un'altitudine di circa 36.000 km sopra l'equatore. I satelliti sono alimentati da pannelli solari e concentrano l'emissione del segnale su aree terrestri relativamente piccole (foot-print). L'effetto del segnale satellitare è di massima intensità al centro dell'area e va attenuandosi alle estremità. Nei foot-prints riportati sono illustrate le zone di copertura dei principali satelliti sulla terra, utilizzando le antenne satellitari Glomex.

**DVB**

**DIGITAL VIDEO  
BROADCASTING**

**CRJ**  
COAXIAL ROTATING JOINT  
**MCRJ**  
MULTI OUTPUT  
COAXIAL ROTATING JOINT

It allows the antenna to turn infinitely on itself on the azimuth axis, since no coaxial cable wrapping is needed.

**EGS**  
ELECTRONIC  
GYRO STABILIZED

The electronic gyroscopes installed directly on the antenna's dish allow to counterbalance the movements of the boat, thus obtaining the fastest and most precise rolling and pitching compensation available today on the market

**GPS**

**NO GPS  
CONNECTION**

HOT BIRD (13°E)



ASTRA1 (19,2°E)



ASTRA2 NORD (28,2°E)



ASTRA2 SUD (28,2°E)



THOR (1°W NORDIC)



SIRIUS (4.8°E EUROPE BSS)



SIRIUS (4.8°E NORDIC)



SIRIUS (5°E EUROPE FSS)



THOR (1°W EUROPE)



EUROBIRD (9°E)



ASTRA 3 (23.5°E)



HISPASAT (30°W)



TURKSAT (42°E)



## FOOT-PRINT BY ANTENNA SIZE

The performance of the satellite antenna is affected by meteorological conditions from the navigation area (in the case of bad weather, signals will be weaker and the image quality could decrease, it can even completely fade.) Each satellite covers a specific geographic area and the size of the dish should be suitable for signal reception in the places of your stay.

## ZONE DE COUVERTURE SELON LA DIMENSION DE L'ANTENNE

La performance des antennes satellitaires dépend des conditions météorologiques (en cas de mauvais temps les signaux deviennent plus faibles et la qualité de l'image pourrait diminuer et l'image elle-même disparaître), de la zone de navigation (chaque satellite couvre une zone géographique spécifique) et de la dimension de l'antenne (la dimension du disque parabolique doit être capable de recevoir le signal dans les lieux choisis).

## FOOT-PRINT PER DIMENSIONE ANTENNA

La performance delle antenne satellitari è influenzata dalle condizioni meteorologiche (in caso di maltempo i segnali saranno più deboli e la qualità delle immagini potrebbe diminuire fino a svanire completamente), dall'area di navigazione (ciascun satellite copre una specifica area geografica) e dalla dimensione dell'antenna stessa (la dimensione del disco parabolico deve essere idonea a ricevere il segnale nei luoghi prescelti).

- 60 cm DISH MARS
- 47 cm DISH SATURN
- 39 cm DISH VENUS/PANDORA
- 33 cm DISH URANIA 2
- 46x26 cm DISH DANUBE

## NIT Network Information Table

It's a special check used in order to ensure the antenna is tracking the right satellite you want, as the small separation angle between one satellite and another could generate problems in satellite tracking.



## SINGLE CABLE CONNECTION

One cable only connects the antenna to the tv set



## NO COMPASS

Means no compensation or deviation when the boat is close to magnetic sources like metal boats, cranes, building etc.



HIGH PERFORMANCE DISH



HIGH PERFORMANCE FEED-HORN





HIGH DEFINITION



SILENT TRACKING OPERATION



 The Glomex TV satellite antennas are refurbished in technology and performance: the new HPD (High Performance Dish) parabolic dishes, combined with the new software for signal research and the innovative noise reduction system, allow the compensation of quality losses due to satellite multiplication on the terrestrial orbit and to transmission on same frequency and ensure a total silence job. The combination between High Performance Dish (HPD), new software and complete elimination of noise, ensures the maximum performance of satellite signal reception and tracking when cruising, when anchor riding or when moored. The Glomex TV satellite antennas are equipped with an efficient compensation system (for boat roll and pitch) by means of electronic gyro-stabilizers (EGS), and with a single or multi coaxial rotating joint (CRJ or MCRJ), allowing the antenna to balance the reception of signal by turning infinitely on the azimuth axis, since no coaxial cable wrapping is needed. Each antenna is equipped with a control unit that can be embedded in the electronic panel on board. The number of satellites pre-charged on the control unit varies according to the antenna model. Glomex offers a wide range of TV satellite antennas, in order to meet the difference operational and aesthetic requirements of yachtsmen.

 Les antennes TV satellitaires Glomex évoluent en matière de technologie et de performance: les nouveaux disques paraboliques HPD (High Performance Dish), combinés avec un logiciel novateur pour la recherche du signal et un innovant système de réduction de bruit, permettent la compensation des pertes de qualité dues à la multiplication des satellites en orbite et aux transmissions sur les mêmes fréquences et assurent un silence total. La combinaison entre High Performance Dish (HPD), ce nouveau logiciel et l'élimination complète de bruit assurent la plus grande performance dans la réception et le maintien du signal satellite pendant la navigation, au mouillage ou au port. Les antennes satellitaires Glomex sont équipées d'un système performant de compensation du roulis et du tangage du bateau au moyen de stabilisateurs gyroscopiques (EGS) et d'un axe rotatif simple ou multi-coaxial (CRJ ou MCRJ), permettant à l'antenne de stabiliser la réception du signal en tournant de manière infinie sur son axe azimut, puisque le câble coaxial ne peut pas s'enrouler sur lui-même. Chaque antenne est pourvue d'un boîtier de contrôle qui peut être intégré dans le tableau électrique de bord. Le nombre de satellites préenregistrés sur le boîtier de contrôle varient selon le modèle de l'antenne. Glomex offre une vaste gamme d'antennes TV satellitaires, afin de répondre aux nombreuses exigences fonctionnelles et esthétiques des plaisanciers.




ANTENNA CODE	V9330	V8000	V9000	V9100
ANTENNA DISH DIAMETER	330 mm (13")	390 mm (15")	390 mm (15")	470 mm (18")
RADOME DIMENSIONS (diameter x height)	365 x 385 (14 x 15")	420 x 450 mm (16 x 18")	420 x 500 mm (16 x 20")	500 x 560 mm (20 x 22")
ANTENNA WEIGHT	4,5 kg (9,92 lb)	6,0 kg (13,23 lb)	10 kg (22,04 lb)	12,5 kg (27,50 lb)
TRACKING RATE	50° sec	50° sec	50° sec	50° sec
ANTENNA GAIN	31,5 dB	33 dB (12 GHz)	33 dB (12 GHz)	35 dB (12 GHz)
DISH TYPE	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD
POLARIZATION	Linear (H+V)	Linear (H+V)	Linear (H+V)	Linear (H+V)
LNB FREQUENCY RANGE	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal
RADOME TYPE	U.V. resistant	U.V. resistant	U.V. resistant	U.V. resistant
POWER REQUIREMENTS	12 Vdc (1 Ah)	12 Vdc (1,5 Ah)	12-24 Vdc (2 Ah)	12-24 Vdc (2,5 Ah)
OPERATING TEMPERATURE RANGE	- 20° + 55°	- 20° + 55°	- 20° + 55°	- 20° + 55°
AZIMUTH TURN RANGE	Unlimited	Unlimited	Unlimited	Unlimited
FULL ELEVATION RANGE	5° - 90°	5° - 90°	5° - 90°	5° - 90°
TYPE OF STABILIZATION	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation
SATELLITE IDENTIFICATION	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)
MIN EIRP	52 dBW	50 dBW	50 dBW	49 dBW
FUTURE UPGRADES READY	Yes	Yes	Yes	Yes
DECODER OUTPUT	1 output	1 output	1 output	1 output
AUTOSKEW OPTION	No	No	No	No
CONTROL UNIT	3 satellite loaded: ASTRA1 19°E - ASTRA2 28°E - HOTBIRD 13°E	3 satellite loaded: ASTRA1 19°E - ASTRA2 28°E - HOTBIRD 13°E	8 satellite loaded	8 satellite loaded



CRJ

NIT  
Network  
Information  
Table

STO

 Le antenne TV satellitari Glomex si rinnovano in tecnologia e performance: i nuovi dischi parabolici ad alte prestazioni della serie HPD (High Performance Dish), abbinati al nuovo software di ricerca del segnale e all'innovativo sistema di riduzione del rumore, permettono di compensare le perdite di qualità dovute al moltiplicarsi dei satelliti in orbita e alle trasmissioni sulle stesse frequenze, e garantiscono una totale silenziosità. La combinazione tra High Performance Dish (HPD), nuovo software ed eliminazione completa del rumore, assicura il massimo rendimento nell'acquisizione e nel mantenimento del segnale satellitare ed un comfort senza precedenti sia in navigazione, sia all'ancora o in banchina. Le antenne TV satellitari Glomex sono dotate di un efficiente sistema di compensazione dei movimenti di rollio e beccheggio a mezzo di giroscopi elettronici (EGS), e di un giunto coassiale rotante singolo o multiplo (CRJ o MCRJ) che permette all'antenna di stabilizzare la ricezione del segnale girando in maniera infinita sull'asse azimut, senza che il cavo coassiale debba essere riavvolto. Ogni antenna è dotata di un'unità di controllo che può essere integrata nel quadro elettronico di bordo. Il numero di satelliti precaricati sull'unità di controllo varia in base al modello dell'antenna. Glomex offre una vasta gamma di antenne TV satellitari per rispondere alle diverse esigenze funzionali ed estetiche dei diportisti.



	V9104	V9801	V9804	R8500
ANTENNA CODE				
ANTENNA DISH DIAMETER	470 mm (18")	600 mm (24")	600 mm (24")	460 x 260 mm (18 x 10")
RADOME DIMENSIONS (diameter x height)	500 x 560 mm (20 x 22")	660 x 660 mm (26 x 26")	660 x 660 mm (26 x 26")	530 x 340 mm (20,8 x 13")
ANTENNA WEIGHT	13 kg (28,50 lb)	15 kg (33,07 lb)	15,5 kg (34,17 lb)	7,5 kg (16,5 lb)
TRACKING RATE	50° sec	50° sec	50° sec	50° sec
ANTENNA GAIN	35 dB (12 GHz)	36,5 dB (12 GHz)	36,5 dB (12 GHz)	35 dB (12 GHz)
DISH TYPE	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD	OFFSET + H.P.F.
POLARIZATION	Linear (H+V)	Linear (H+V)	Linear (H+V)	Linear (V+H)
LNB FREQUENCY RANGE	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 to 12,75 GHz LNB universal
RADOME TYPE	U.V. resistant	U.V. resistant	U.V. resistant	UV resistant
POWER REQUIREMENTS	12-24 Vdc (2,5 Ah)	12-24 Vdc (3 Ah)	12-24 Vdc (3 Ah)	11.5 ÷ 13.8 VDC / 0.9 A/h
OPERATING TEMPERATURE RANGE	- 20° + 55°	- 20° + 55°	- 20° + 55°	-20° C to +55° C
AZIMUTH TURN RANGE	Unlimited	Unlimited	Unlimited	Unlimited
FULL ELEVATION RANGE	5° - 90°	15° - 90°	15° - 90°	15° to 55°
TYPE OF STABILIZATION	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	Gyro on 2 axis + 3° axis by interpolation
SATELLITE IDENTIFICATION	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)
MIN EIRP	49 dBW	47 dBW	47 dBW	48 dBW
FUTURE UPGRADES READY	Yes	Yes	Yes	Yes
DECODER OUTPUT	4 output to multiswitch (max 16 output)	1 output	4 output to multiswitch (max 16 output)	1 output
AUTOSKEW OPTION	Yes	No	Yes	No
CONTROL UNIT	8 satellite loaded	8 satellite loaded	8 satellite loaded	3 satellite loaded: ASTRA1 19°E - ASTRA2 28°E - HOTBIRD 13°E


STO


NEW


HPD



NEW 33 cm HPD DISH

 Urania 2 is the new TV satellite antenna in the range, expressly designed to satisfy the requirements of small sailboats and motorboats. Small in size (dish diameter 330 mm/13") and with low energy consumption (12 VDC/1Ah), Urania 2 is gyro-stabilized, equipped with a new HPD (High Performance Dish) parabolic dish combined with the new software for signal research and the innovative noise reduction system STO (Silent Tracking Operation), allowing you to watch TV on board your boat. It can be easily updated by means of the SD card slot (available for the use of the memory cards used by digital photo-cameras) and installed on the control unit, by downloading the free software from the website [www.glomex.it](http://www.glomex.it).

 Urania 2 est la nouvelle antenne TV satellitaire de la gamme, spécifiquement conçue pour satisfaire les exigences des petits bateaux à voiles et à moteur. Avec ses dimensions réduites (diamètre du disque 330 mm/13") et sa faible consommation énergétique (12 VDC/1Ah), Urania 2 est une antenne à stabilisation gyroscopique, dotée d'un nouveau disque parabolique HPD (High Performance Dish) combiné avec un logiciel novateur pour la recherche du signal et un innovant système de réduction de bruit STO (Silent Tracking Operation), qui permet de regarder la télévision à bord de son bateau. Elle peut être mise à jour facilement grâce à la carte slot SD (celle utilisée pour la lecture des cartes mémoire des appareils photo numériques) installée dans le boîtier de contrôle, en téléchargeant gratuitement le logiciel du site [www.glomex.it](http://www.glomex.it).

 Urania 2 è la nuova antenna TV satellitare della gamma, appositamente studiata per rispondere alle esigenze delle piccole imbarcazioni a vela e a motore. Ridotta nelle dimensioni (diametro disco 330 mm/13") e nei consumi energetici (12 Vdc/1Ah), Urania 2 è un'antenna giro-stabilizzata, dotata di un nuovo disco parabolico ad alte prestazioni della serie HPD (High Performance Dish) abbinato al nuovo software di ricerca del segnale e all'innovativo sistema di riduzione del rumore STO (Silent Tracking Operation), che consente di vedere la TV a bordo della propria imbarcazione. Può essere comodamente aggiornata attraverso lo slot SD card (quello per la lettura delle schede di memoria utilizzate nelle macchine fotografiche digitali) situato sull'unità di controllo, scaricando gratuitamente il software dal sito [www.glomex.it](http://www.glomex.it).

## V9330 URANIA 2 1 DECODER OUTPUT

By coaxial rotating joint

							
Control Unit 3 sat	V9140/10 10m/33' (1 pc) + V9143 1,5m/5' (2 pcs) coax cables	V9115 Decoder line amplifier	high thickness synthetic rubber gasket	V9330 Twin	V9193 Decoder I- Can 1110SV	V9192 XDOME Decoder combo SAT - DVB-T	V9500 Mount
Supplied	Supplied	Supplied	Supplied	Option	Option	Option	Option



Sail Boat



Power Boat



NEW 39 cm HPD DISH

STO


HPD


NEW  
VERSION




## V8000 PANDORA

1 DECODER OUTPUT  
By coaxial rotating joint

 Pandora is the Glomex TV satellite antenna developed to offer the best relation between quality and price without reducing the high performance. With compact dimensions (dish diameter 420 mm/18") and low energy consumption (12 VDC 1,5 A/h,) it represents the ideal choice for TV watching on board, because it offers the best compromise between contained shape and performance. Pandora is a gyro-stabilized antenna, equipped with a new HPD (High Performance Dish) parabolic dish combined with the new software for signal research and the innovative noise reduction system STO (Silent Tracking Operation), allow the compensation of quality losses due to satellite multiplication on the terrestrial orbit whilst transmitting on same frequency and ensure a total silence factor. Easy to install, thanks to a single coaxial cable (SCC) connecting the antenna directly to the TV-set without opening the radome, it does not require any other compensation or calibration adjustment. Pandora, with its 3 preloaded satellites (ASTRA1, ASTRA2, HOTBIRD) easy selectable on the control unit, can be swiftly updated by means of the slot SD card (the same used for the use of memory cards for digital photo-cameras), by downloading new satellites or free software updates directly from the Website [www.glomex.it](http://www.glomex.it).

 Pandora est l'antenne TV satellitaire Glomex, conçue pour offrir le meilleur rapport qualité/prix sans renoncer à d'autres prestations. Cette antenne aux dimensions très compactes (diamètre du disque de 420 mm/16" pour 450 mm/18" de hauteur), et à la consommation énergétique réduite (12 VDC/1,5 Ah), est un choix idéal pour qui veut regarder la télévision sur son bateau, car elle offre le meilleur compromis entre compacité et performance. Pandora est une antenne gyro-stabilisée, dotée d'un nouveau disque parabolique HPD (High Performance Dish) combiné avec un logiciel novateur pour la recherche du signal et un innovant système de réduction de bruit STO (Silent Tracking Operation), permettent la compensation des pertes de qualité dues à la multiplication des satellites en orbite et aux transmissions sur les mêmes fréquences et assurent un silence total. Elle est facile à installer grâce à un câble coaxial simple (SCC) reliant directement l'antenne au téléviseur, sans avoir besoin d'ouvrir le radôme. Elle ne nécessite pas non plus d'autres interventions pour la compensation ou le calibrage. Pandora, avec ses 3 satellites préenregistrés (ASTRA1, ASTRA2, HOTBIRD) faciles à sélectionner sur le boîtier de contrôle, peut être mise à jour facilement grâce à la carte slot SD (celle utilisée pour la lecture des cartes mémoire des appareils photo numériques) en téléchargeant de nouveaux satellites ou bien des mises à jour gratuite du logiciel sur le site [www.glomex.it](http://www.glomex.it).

 Pandora è l'antenna TV satellitare Glomex, sviluppata per offrire il miglior rapporto qualità/prezzo senza rinunciare ad alte prestazioni. Ridotta nelle dimensioni (diametro 420 mm/16" per 450mm /18" di altezza) e nei consumi energetici (12 Vdc 1,5 A/h), è la scelta ideale per chiunque voglia vedere la TV sulla propria imbarcazione, cercando il miglior compromesso tra compattezza della forma e performance. Pandora è un'antenna giro-stabilizzata, dotata di un nuovo disco parabolico ad alte prestazioni della serie HPD (High Performance Dish) abbinato al nuovo software di ricerca del segnale e all'innovativo sistema di riduzione del rumore STO (Silent Tracking Operation), permettono di compensare le perdite di qualità dovute al moltiplicarsi dei satelliti in orbita e alle trasmissioni sulle stesse frequenze, e garantiscono una totale silenziosità. È semplice da installare, grazie ad un unico cavo coassiale (SCC) che permette di connettere direttamente l'antenna alla TV senza bisogno di aprire il radome, e non richiede ulteriori interventi di compensazione o taratura. Pandora, con i suoi 3 satelliti pre-caricati (ASTRA1, ASTRA2, HOTBIRD) facilmente selezionabili sull'unità di controllo, può essere comodamente aggiornata attraverso lo slot SD card (quello per la lettura delle schede di memoria utilizzate nelle macchine fotografiche digitali), scaricando nuovi satelliti oppure aggiornamenti software gratuiti direttamente dal sito [www.glomex.it](http://www.glomex.it).

							
Control Unit 3 sat	V9140/10 10m/33' (1 pc) + V9143 1,5m/5' (2 pcs) coax cables	V9115 Decoder line amplifier	high thickness synthetic rubber gasket	V8000 Twin	V9193 Decoder I- Can 1110SV	V9192 XDOME Decoder combo SAT - DVBT	V9500 Mount
Supplied	Supplied	Supplied	Supplied	Option	Option	Option	Option

SATELLITE TV  
ANTENNAS



Sail Boat



Power Boat



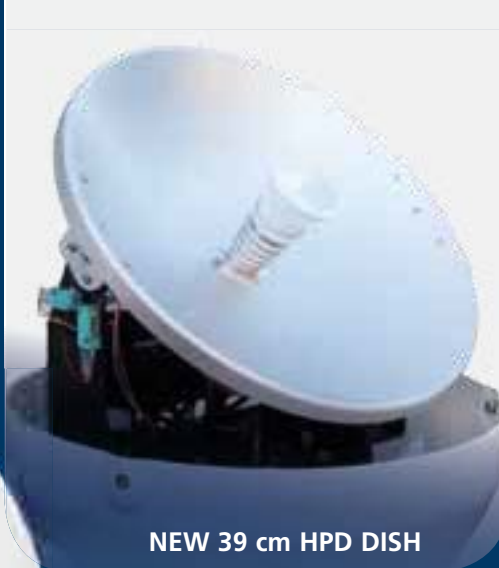
Big Yacht




STO


HPD


NEW  
VERSION

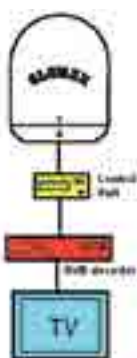


NEW 39 cm HPD DISH

 Venus is the TV satellite antenna with compact dimensions (dish diameter 390 mm/15") and thanks to the new MK2+ hardware and software series, ensures improved quality performance and signal reception. Venus is a gyro-stabilized antenna equipped with a new HPD (High Performance Dish) combined with the new software for signal research and the innovative noise reduction system STO (Silent Tracking Operation), allow the compensation of quality losses due to satellite multiplication on the terrestrial orbit whilst transmitting on same frequency and ensure a total silence factor. Venus is provided with a Control Unit with LCD display and 8 pre-loaded satellites. Venus is easy to install, thanks to a single coaxial cable (SCC) connecting the antenna directly to the TV-set and does not require any other compensation or calibration. It is ready for future updating.

 Cette antenne aux dimensions très compactes (diamètre du disque 390 mm/15") qui, grâce à l'utilisation du matériel et du logiciel de la nouvelle série MK2+, assure de nouvelles performances quant à la qualité et à la réception du signal. C'est une antenne gyro-stabilisée dotée d'un nouveau disque parabolique de la série HPD (High Performance Dish) combiné avec un logiciel novateur pour la recherche du signal et un innovant système de réduction de bruit STO (Silent Tracking Operation), permettent la compensation des pertes de qualité dues à la multiplication des satellites en orbite et aux transmissions sur les même fréquences et assurent un silence total. Venus est équipée de l'unité de contrôle avec écran LCD et 8 satellites préchargés. Venus est facile à installer, grâce à un câble coaxial simple (SCC) reliant directement l'antenne au téléviseur. Elle ne nécessite pas d'autres interventions pour la compensation ou le calibrage. Elle est prérégulée pour de futures mises à jour.

 Venus è l'antenna TV satellitare dalle dimensioni ridotte (diametro disco 390 mm/15") che, grazie all'introduzione di hardware e software della nuova serie MK2+, assicura rinnovate prestazioni di qualità e di ricezione del segnale. E' un'antenna giro-stabilizzata, dotata di un nuovo disco parabolico ad alte prestazioni della serie HPD (High Performance Dish) abbinato al nuovo software di ricerca del segnale e all'innovativo sistema di riduzione del rumore STO (Silent Tracking Operation), permettono di compensare le perdite di qualità dovute al moltiplicarsi dei satelliti in orbita e alle trasmissioni sulle stesse frequenze, e garantiscono una totale silenziosità. Inoltre, Venus è dotata di una Control Unit con un display LCD e 8 satelliti precaricati. Venus è semplice da installare, grazie ad un unico cavo coassiale (SCC) che connette direttamente l'antenna al televisore, e non richiede ulteriori interventi di compensazione o taratura. È predisposta per futuri aggiornamenti.



## V9000 VENUS 1 DECODER OUTPUT

By coaxial rotating joint

								
Control Unit 8 sat	V9139/10 10m/33' (1 pc) + V9143 1,5m/5' (2 pcs) coax cables	DC/DC Adaptor	V9115 Decoder line amplifier	high thickness synthetic rubber gasket	V9000 Twin	V9193 Decoder I-Can 1110SV	V9192 XDOME Decoder combo SAT - DVBT	V9500 Mount
Supplied	Supplied	Supplied	Supplied	Supplied	Option	Option	Option	Option



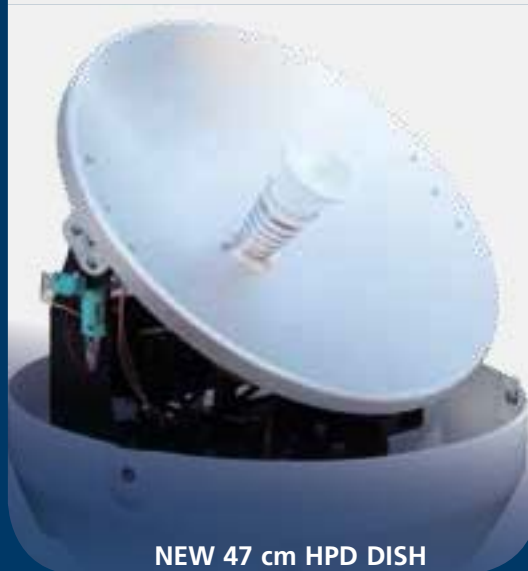
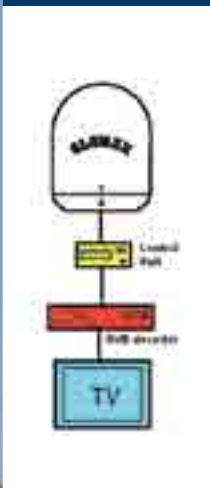
Sail Boat



Power Boat



Big Yacht



NEW 47 cm HPD DISH

STO

HPD

NEW  
VERSION



Saturn 1 is the TV satellite antenna with a dish diameter of 470 mm (18") which, thanks to the new MK2+ hardware and software, ensures improved quality performance and high degree of signal reception. Saturn 1 is a gyro-stabilized antenna equipped with a new HPD (High Performance Dish) combined with the new software for signal research and the innovative noise reduction system STO (Silent Tracking Operation), allow the compensation of quality losses due to satellite multiplication on the terrestrial orbit whilst transmitting on same frequency and ensure a total silence factor. Simple to install, thanks to a single coaxial cable (SCC) linking the antenna directly to the TV-set, Saturn 1 is ready for future updating.

L'antenne TV satellitaire Saturn 1, avec un disque de 470 mm (18") qui grâce à l'utilisation du matériel et du logiciel de la nouvelle série MK2+, assure de nouvelles performances quant à la qualité et à la réception du signal. C'est une antenne gyro-stabilisée dotée d'un nouveau disque parabolique HPD (High Performance Dish) combiné avec un logiciel novateur pour la recherche du signal et un innovant système de réduction de bruit STO (Silent Tracking Operation), permettent la compensation des pertes de qualité dues à la multiplication des satellites en orbite et aux transmissions sur les même fréquences et assurent un silence total. Saturn 1 est facile à installer, grâce à un câble coaxial simple (SCC) reliant directement l'antenne au téléviseur. Elle est prérégulée pour de futures mises à jour.

Saturn 1 è l'antenna TV satellitare con un disco da 470 mm (18") che, grazie all'introduzione di hardware e software della nuova serie MK2+, garantisce rinnovate prestazioni di qualità ed un elevato grado di ricezione del segnale. E' un'antenna giro-stabilizzata, dotata di un nuovo disco parabolico ad alte prestazioni della serie HPD (High Performance Dish) abbinato al nuovo software di ricerca del segnale e all'innovativo sistema di riduzione del rumore STO (Silent Tracking Operation), permettono di compensare le perdite di qualità dovute al moltiplicarsi dei satelliti in orbita e alle trasmissioni sulle stesse frequenze, e garantiscono una totale silenziosità. Semplice da installare, grazie ad un unico cavo coassiale (SCC) che collega direttamente l'antenna al televisore, Saturn 1 è predisposta per futuri aggiornamenti.

## V9100 SATURN 1 1 DECODER OUTPUT

By coaxial rotating joint

							
Control Unit 8 sat	V9139/10 10m/33' (1 pc) + V9143 1,5m/5' (1 pc) coax cables	DC/DC Adaptor	high thickness synthetic rubber gasket	V9100 Twin	V9193 Decoder I- Can 1110SV	V9192 XDOME Decoder combo SAT - DVBT	V9500 Mount
Supplied	Supplied	Supplied	Supplied	Option	Option	Option	Option

SATELLITE TV  
ANTENNAS



Power Boat



Big Yacht

STO


HPD


NEW  
VERSION




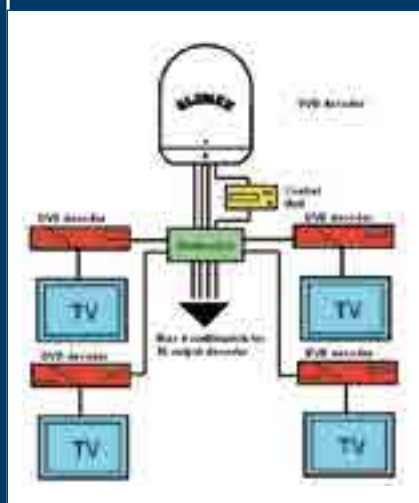
NEW 47 cm HPD DISH

MADE  
IN ITALY

 Saturn 4 is the TV satellite antenna that, not only guarantees high performance standards of signal reception and tracking, but also allows the connection of up to 16 independent decoders on the same boat. In fact, Saturn 4 is equipped with a multi coaxial rotating joint (MCRJ) and with a multi-switch box for the connection of more independent decoders (4 outputs for multi-switch, up to a maximum quantity of 16 for antenna). The antenna can turn infinitely on its axis, since there is no coaxial cable wrapping, without interrupting the TV signal.

 Saturn 4 est l'antenne TV satellitaire, qui non seulement garantit une performance élevée en termes de réception et de maintien du signal, mais qui permet aussi le branchement de 16 décodeurs indépendants sur le même bateau. En effet, Saturn 4 est équipée d'un axe rotatif multi-coaxial (MCRJ) et d'une boîte de commutation multiple pour le raccordement de plusieurs décodeurs indépendants (4 sorties pour la commutation multiple, jusqu'à une quantité maximale de 16 par antenne). L'antenne peut tourner de manière infinie sur son axe sans qu'il soit nécessaire de dérouler le câble coaxial et sans interrompre la réception.

 Saturn 4 è l'antenna TV satellitare che, oltre a garantire standard di performance elevati nell'acquisizione e nel mantenimento del segnale, consente di collegare fino a 16 decoder indipendenti sulla stessa imbarcazione. Infatti, Saturn 4 è fornita di un giunto coassiale rotante multiplo (MCRJ) e di un multiswitch box per il collegamento di più decoder indipendenti (4 uscite per multiswitch, fino ad un massimo di 16 per antenna). L'antenna può girare in maniera infinita su se stessa senza richiedere il riavvolgimento del cavo coassiale e l'interruzione della visione.



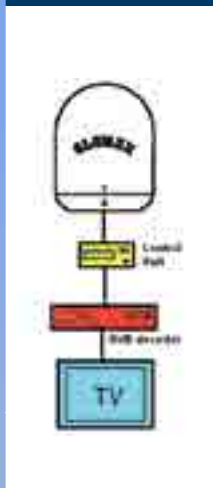
## V9104 SATURN 4 4 DECODER OUTPUT

By multioutput coaxial rotating joint

								
Control Unit 8 sat	V9139/10 10m/33' (4 pcs) + V9143 1.5m/5' (1 pc) coax cables	DC/DC Adaptor	V9191 Multiswitch	high thickness synthetic rubber gasket	V9104 Twin	V9193 Decoder I- Can 1110SV	V9192 XDOME Decoder combo SAT - DVBT	V9500 Mount
Supplied	Supplied	Supplied	Supplied	Supplied	Option	Option	Option	Option



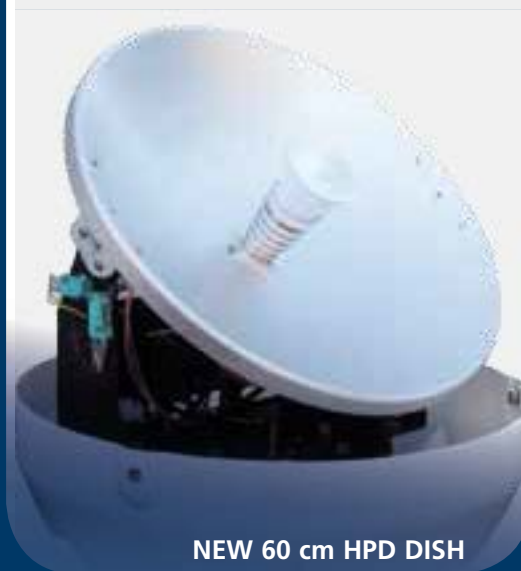




STO

HPD

NEW VERSION



NEW 60 cm HPD DISH

Mars 1 is the largest TV satellite antenna in the Glomex range. The size and shape of the parabolic dish (diameter 600 mm/24") and the introduction of the new hardware and software, allow the reception of the TV satellite signal in areas usually exposed to weaker signals. Mars 1 is a gyro-stabilized antenna equipped with a new HPD (High Performance Dish) parabolic dish combined with the new software for signal research and the innovative noise reduction system STO (Silent Tracking Operation), allow the compensation of quality losses due to satellite multiplication on the terrestrial orbit whilst transmitting on same frequency and ensure a total silence factor. Mars 1 ensures high performance and with easy installation this antenna is reliable and ready for future updating.

Mars 1 est l'antenne TV satellitaire la plus grande de la gamme Glomex. La dimension et la forme du disque parabolique (diamètre 600 mm/24"), et l'utilisation du matériel et du logiciel de la nouvelle série, permettent la réception des fréquences TV satellitaires, même dans les zones normalement exposées à des signaux plus faibles. Mars 1 est une antenne gyro-stabilisée dotée d'un nouveau disque parabolique HPD (High Performance Dish) combiné avec un logiciel novateur pour la recherche du signal et un innovant système de réduction de bruit STO (Silent Tracking Operation), permettent la compensation des pertes de qualité dues à la multiplication des satellites en orbite et aux transmissions sur les mêmes fréquences et assurent un silence total. Mars 1 assure des performances élevées ; d'installation facile, cette antenne est fiable et pré-réglée pour des futures mises à jour.

Mars 1 è l'antenna TV satellitare più grande della gamma Glomex. La dimensione e la forma del disco parabolico (diametro 600mm/24"), e l'innovazione hardware e software consentono di ricevere le frequenze TV satellitari anche nelle zone generalmente esposte a segnali più deboli. E' un'antenna giro-stabilizzata, dotata di un nuovo disco parabolico ad alte prestazioni della serie HPD (High Performance Dish) abbinato al nuovo software di ricerca del segnale e all'innovativo sistema di riduzione del rumore STO (Silent Tracking Operation), permettono di compensare le perdite di qualità dovute al moltiplicarsi dei satelliti in orbita e alle trasmissioni sulle stesse frequenze, e garantiscono una totale silenziosità. Mars 1 garantisce performance elevate, è facile da installare, affidabile ed è predisposta per futuri aggiornamenti.

## V9801 MARS 1

1 DECODER OUTPUT  
By coaxial rotating joint

Control Unit 8 sat	V9139/10 10m/33' (1 pc) + V9143 1,5m/5' (1 pc) coax cables	DC/DC Adaptor	high thickness synthetic rubber gasket	V9801 Twin	V9193 Decoder I- Can 1110SV	V9192 XDOME Decoder combo SAT - DVBT	V9500 Mount
Supplied	Supplied	Supplied	Supplied	Option	Option	Option	Option

SATELLITE TV  
ANTENNAS



Power Boat



Big Yacht



Commercial Ship


STO


HPD


NEW  
VERSION

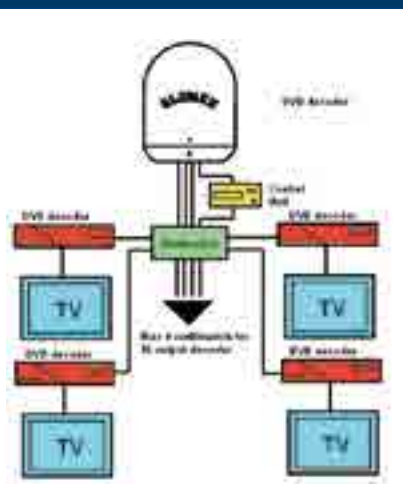


NEW 60 cm HPD DISH

 Mars 4 is the best product in the Glomex TV satellite antenna range. Identical in dimensions to Mars 1 (dish diameter 600 mm/24"), it allows the connection of up to 16 independent decoders on the same boat. In fact, Mars 4 is equipped with a multi coaxial rotating joint (MCRJ) and with a multi-switch box for the connection of more independent decoders (4 outputs for multi-switch, up to a maximum quantity of 16 for antenna.) Mars 4 is the optimal choice to watch TV during good or bad weather conditions, either when cruising or at anchor. It is also ready for future updating.

 Mars 4 est le must de la gamme des antennes TV satellitaire Glomex. De dimensions identiques à Mars 1 (diamètre du disque 600 mm/24"), elle permet de brancher jusqu'à 16 décodeurs indépendants sur le même bateau. En effet, Mars 4 est équipée d'un axe rotatif multi-coaxial (MCRJ) et d'une boîte de commutation multiple pour le raccordement de plusieurs décodeurs indépendants (4 sorties pour la commutation multiple, jusqu'à une quantité maximale de 16 par antenne). Mars 4 est le choix optimal pour regarder la télévision en vacances ou en toutes conditions, aussi bien pendant la navigation qu'au mouillage, et même en présence de conditions météo non optimales. Elle est pré-réglée pour de futures mises à jour.

 Mars 4 è il top di gamma nella rosa delle antenne TV satellitari Glomex. Identica per dimensioni alla Mars 1 (diametro del disco 600 mm/24"), consente di collegare fino a 16 decoder indipendenti sulla stessa imbarcazione. Infatti, Mars 4 è fornita di un giunto coassiale rotante multiplo (MCRJ) e di un multiswitch box per il collegamento di più decoder indipendenti (4 uscite per multi-switch, fino ad un massimo di 16 per antenna). Mars 4 è la scelta ideale per vedere la TV durante le proprie vacanze in ogni condizione, sia in navigazione che all'ancora, anche in presenza di condizioni meteorologiche non ottimali. È predisposta per futuri aggiornamenti.



## V9804 MARS 4

### 4 DECODER OUTPUT

By multioutput coaxial rotating joint

								
Control Unit 8 sat	V9139/10 10m/33' (4 pc) + V9143 1.5m/5' (1 pc) coax cables	DC/DC Adaptor	V9191 Multiswitch	high thickness synthetic rubber gasket	V9804 Twin	V9193 Decoder I-Can 1110SV	V9192 XDOME Decoder combo SAT - DVBT	V9500 Mount
Supplied	Supplied	Supplied	Supplied	Supplied	Option	Option	Option	Option








NEW 46 x 26 cm HPF DISH


**NEW**  
AVAILABLE  
FROM  
2012


**HPF**



## R8500 DANUBE

 Danube is the new TV satellite antenna in Glomex range, developed in partnership with University of Milan to offer the best choice for TV watching on river and coastal boats. With compact dimensions (dish diameter 530 mm / 20,8", height 340 mm / 13") offers the best compromise between contained shape and performance. Danube guarantees high performance thanks to the innovative illuminator, coupled with a high gain and low noise factor LNB (both realized according to a Glomex design). Moreover, Danube is designed according to the offset technology, so that the focus point is outside the parabolic area, so that the LNB may be supported by an arm which does not cast any shadow onto the dish, thus reducing its performance. Danube is also provided with new-generation electronic gyroscopes, which can compensate any kind of boat movement, thus allowing you to watch TV programmes with no interruption. Danube can be updated by anyone by means of the SD card reader (memory card), integrated in the control unit, by downloading the software for free from the web site [www.glomex.it](http://www.glomex.it). Standard pre-loaded satellites: Astra1, Astra2 and Hotbird.

 Danube est la nouvelle antenne TV satellitaire de la gamme, conçue en collaboration avec l'Université de Milan pour offrir un choix idéal pour regarder la télévision sur les bateaux fluviaux et côtiers. Cette antenne aux dimensions très compactes (diamètre du disque de 530 mm pour 340 mm de hauteur) offre le meilleur compromis entre compacité et performance. Danube garantit une haute prestation grâce à l'innovant illuminateur, couplé avec un LNB avec haut gain et bas facteur de bruit (tous les deux réalisés selon une conception de Glomex). Danube est également conçue selon la technologie offset, de sorte que le point de feu soit à l'extérieur de la surface parabolique, de manière à ce que le LNB puisse être supporté par un bras qui ne projette pas d'ombre sur le disque, réduisant ainsi sa prestation. Danube est aussi équipée avec des gyroscopes électroniques de nouvelle génération, qui peuvent compenser tous les types de mouvement du bateau, vous permettant ainsi de regarder votre programme TV préféré sans interruption. Danube peut être mise à jour par tout utilisateur à l'aide du lecteur de carte SD (carte mémoire), intégré dans l'unité de contrôle, en téléchargeant le logiciel gratuitement du site [www.glomex.it](http://www.glomex.it). Les satellites standard préchargés sont : Astra1, Astra2 et Hotbird.

 Danube è la nuova antenna TV satellitare della gamma sviluppata in collaborazione con l'università di Milano, per rispondere alle esigenze specifiche delle imbarcazioni che navigano prevalentemente sui fiumi. Ridotta nelle dimensioni (diametro 530 mm per 340 mm di altezza) realizza il miglior compromesso tra compattezza della forma e performance. È un'antenna con elevate prestazioni grazie all'innovativo illuminatore accoppiato ad un LNB ad alto guadagno e bassa cifra di rumore (entrambi realizzati su specifica Glomex). Danube, inoltre, è progettata sulla tecnologia offset che consente di collocare il punto di fuoco fuori dall'area della parabola, affinché l'LNB possa essere sostenuto da un braccio che non crei ombre sulla parabola diminuendone il rendimento. Danube è anche dotata di giroscopi elettronici di ultima generazione, in grado di compensare qualunque tipo di movimento dell'imbarcazione e garantire, pertanto, una visione continuativa dei programmi TV. Danube può essere aggiornata da chiunque grazie al lettore di SD Card (scheda di memoria) incluso nell'unità di controllo, scaricando gratuitamente il software dal sito [www.glomex.it](http://www.glomex.it). Satelliti disponibili precaricati: Astra1, Astra2 e Hotbird.

						
Control Unit 3 sat	V9140/10 10m/33' (1 pc) + V9143 1,5m/5' (2 pcs) coax cables	V9115 Decoder line amplifier	high thickness synthetic rubber gasket	V9193 Decoder I- Can 1110SV	V9192 XDOME Decoder combo SAT - DVBT	R8500 Twin
Supplied	Supplied	Supplied	Supplied	Option	Option	Option

**SATELLITE TV  
ANTENNAS**





## SKEW OPTION AUTOMATIC SKEW ADJUSTMENT SYSTEM


Compensation system  
for V9104 and V9804





V9104SKEW



V9804SKEW

 The geostationary satellites are located on the orbit close to the equator and are aligned with the terrestrial axis. Therefore, according to any geographical position corresponding to the equator line, all satellites appear as shifted to the East or to the West of their own South, as if they were tilted. In this case the polarizations of such satellites are no more horizontal or vertical according to their own position, but tilted. Therefore, if the frequency converter (LNB) does not turn the same number of degrees of inclination of the satellite, the polarizations will result in misalignment. The Skew option is precisely a compensation system acting physically on the LNB and acknowledging the geographic position by changing automatically the inclination. In this way the polarization is optimized and the best possible signal quality is achieved.

 Les satellites géostationnaires sont positionnés dans une orbite près de l'équateur et sont bien alignés avec l'axe terrestre. Par conséquent, par rapport à une position géographique ne correspondant pas à la ligne de l'équateur, tous les satellites apparaissent décalés à l'est ou à l'ouest de leur propre sud, comme s'ils étaient inclinés. Dans ce cas, les polarisations des satellites ne sont plus horizontales ou verticales par rapport à leur propre position, mais obliques. Donc, si le convertisseur de fréquence (LNB) ne pivote pas d'autant de degrés que l'inclinaison du satellite, les polarisations résulteront décalées. L'option Skew est justement un système de compensation qui agit physiquement sur la LNB et reconnaît la position géographique en en modifiant automatiquement l'inclinaison. De cette façon, on optimise la polarisation pour obtenir la meilleure qualité possible du signal.

 I satelliti geostazionari sono posizionati su di un'orbita in prossimità dell'equatore e sono ben allineati con l'asse terrestre. Pertanto, rispetto ad una qualunque posizione geografica che non corrisponda alla linea equatoriale, tutti i satelliti appaiono spostati ad est o ad ovest del proprio sud, come se fossero inclinati. Accade allora che le polarizzazioni di quei satelliti non siano più orizzontali o verticali rispetto alla propria posizione, bensì oblique. Pertanto, se il convertitore di frequenza (LNB) non ruota degli stessi gradi per cui il satellite appare inclinato, le polarizzazioni risulteranno disallineate. L'opzione skew è appunto un sistema di compensazione che, agendo fisicamente sull'LNB, riconosce la posizione geografica e ne modifica automaticamente l'inclinazione, ottimizzando la polarizzazione per ottenere la migliore qualità possibile del segnale.

### 4 DECODER OUTPUT

By multioutput coaxial rotating joint


# XDOME




**SKY ITALIA  
APPROVED**

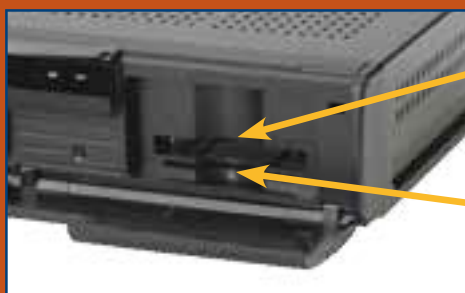
**220Vac**

 XDOME is a combi decoder to receive high-definition terrestrial digital and satellite signals through the HDMI digital video output. It is the first decoder compatible with the offer by SKY Italia, by integrating the functions of more digital receivers into a single product, and allows watching SKY channels, free satellite channels, pay-TVs and all terrestrial digital free channels. XDOME also enables using the new Tivùsat XD CAM, which allows watching TV programmes with high definition, and further integrates the possibility of watching Sky, Tivùsat and DTT channels by means of a single product. Official NDS Videoguard smart card reader by SKY Italia - Common Interface (CI) Slot compatible with the main offers available for digital terrestrial and satellite TV (Mediaset Premium, Conto TV, etc.) - 5000 storable channels - 5 video outputs.

 XDOME est un décodeur combiné pour recevoir des signaux numériques terrestres et satellitaires à haute définition à travers la sortie vidéo numérique HDMI. C'est le premier décodeur compatible avec l'offre par SKY Italia, parce qu'il intègre les fonctions de plusieurs récepteurs numériques dans un seul produit, et permet de regarder les chaînes SKY, les chaînes satellitaires gratuites, les pay-TV et les chaînes numériques terrestres gratuites. XDOME permet aussi l'utilisation du nouveau Tivùsat XD CAM, qui permet de regarder des programmes TV en haute définition, et intègre en outre la possibilité de regarder les chaînes Sky, Tivùsat et DTT au moyen d'un seul produit. Lecteur de carte smart NDS Videoguard officiel de SKY Italia - Common Interface (CI) Slot compatible avec les offres principales disponibles pour la télévision numérique terrestre et satellitaire (Mediaset Premium, Conto TV, etc.) - 5000 chaînes mémorisables - 5 sorties vidéo.

 XDOME è un decoder combo predisposto a ricevere i segnali del digitale terrestre e quelli satellitari in alta definizione, attraverso l'uscita video digitale HDMI. È il primo decoder compatibile con l'offerta SKY Italia, che integra le funzionalità di più ricevitori digitali in un unico prodotto e consente di vedere il palinsesto SKY, i canali satellitari free, le pay tv e tutti i canali free del digitale terrestre. Inoltre, XDOME prevede la possibilità di utilizzare la nuova XD CAM Tivùsat che consentirà la visione dei palinsesti e delle programmazioni in HD, integrando ulteriormente la visione di Sky, Tivùsat e il DTT in un unico prodotto. Lettore smartcard NDS Videoguard ufficiale SKY Italia - Slot Common Interface (CI) compatibile con le principali offerte disponibili sul digitale terrestre e satellitare (Mediaset Premium, Conto TV, etc.) - 5000 canali memorizzabili - 5 uscite video.

## V9192 XDOME



SKY smart card reader


Slot Common Interface (CI)





**SATELLITE TV  
ANTENNAS**



**12Vdc - 220Vac**

 I-CAN 1110SV, is a decoder designed by ADB to access the Tivùsat television option. It is a Standard Definition (SD) satellite receiver, provided with two smart card readers, which allow using a further card for receiving satellite pay services provided by other providers without having to change the relevant cards. I-CAN 1110SV is supplied at 12V and 220V, a feature which makes it the ideal solution for mobile vehicles, thanks to its reduced size, two SCART outputs (TV and VCR connection), its DiSEqC and UNICABLE functions and a full connectivity with home-cinema systems. The decoder is also provided with unique energy saving features, which guarantee a passive stand-by consumption lower than that of any other standard receiver.

 I-CAN 1110SV, est un décodeur projeté par ADB pour accéder à l'offre télé Tivùsat. C'est un récepteur satellitaire avec Définition Standard (SD), doté de deux lecteurs de cartes smart, qui permettent d'utiliser une carte additionnelle pour la réception des services payants satellitaires fournis par d'autres fournisseurs, sans devoir changer les cartes. I-CAN 1110SV est alimenté à 12V et 220V, une caractéristique qui en fait la solution idéale pour les véhicules mobiles, grâce à ses dimensions réduites, deux sorties SCART (connexion TV et VCR), ses fonctions DiSEqC et UNICABLE et une connectivité complète avec les systèmes de home cinéma. Le décodeur est également fourni avec des caractéristiques d'économie d'énergie, ce qui garantit une consommation en stand-by plus basse que celle de tout autre récepteur standard.

 I-CAN 1110SV, è un decoder concepito da ADB per accedere all'offerta televisiva satellitare Tivùsat. È un ricevitore satellitare Standard Definition (SD) dotato di due lettori di smart card che consentono l'utilizzo di un ulteriore card per la ricezione di servizi a pagamento forniti via satellite da altri provider senza che si debba alternare le relative tessere. I-CAN 1110SV si caratterizza per un'alimentazione a 12V e 220V che lo rende ideale per i veicoli mobili, per le dimensioni ridotte, per due uscite SCART (connessione a TV e VCR), per le funzionalità DiSEqC e UNICABLE e per la piena connettività verso impianti di home cinema. Inoltre, il decoder è dotato di funzionalità uniche di risparmio energetico che garantiscono consumi in standby passivo inferiori a qualsiasi ricevitore standard.

## V9193 DECODER I-CAN 1110SV





**NEW**



**V9330TWIN**

TWIN RADOME - ABS/PMMA + U.V. PROTECTION FOR V9330 URANIA 2



**V8000TWIN**

TWIN RADOME - ABS/PMMA + U.V. PROTECTION FOR V8000 PANDORA



**V9000TWIN**

TWIN RADOME - ABS/PMMA + U.V. PROTECTION FOR V9000 VENUS



**V9100-V9104TWIN**

TWIN RADOME - ABS/PMMA + U.V. PROTECTION FOR V9100-V9104 SATURN



**V9801-V9804TWIN**

TWIN RADOME - ABS/PMMA + U.V. PROTECTION FOR V9801-V9804 MARS

**NEW**



**R8500TWIN**

TWIN RADOME - ABS/PMMA + U.V. PROTECTION FOR R8500 DANUBE



**SATPAINT**

RAL COLOR PAINTING - ABS/PMMA + POLYURETHANE PAINT - FOR SATELLITE ANTENNAS AND TWIN



**V9500**

0/5° ADJUSTABLE - STAINLESS STEEL - FOR SATELLITE AND DIRECTIONAL TV ANTENNAS

**ELECTROPOLISHED**



**V9192**

COMBO RECEIVER SMART CARD READER SLOT COMMON INTERFACE (CI) COMPATIBLE WITH THE MAIN OFFERS AVAILABLE FOR TERRESTRIAL DIGITAL AND SATELLITE TV 5000 STORABLE CHANNELS 5 VIDEO OUTPUTS 220 Vac



**V9193**

DECODER SAT I-CAN 1110 SV TIVUSAT RECEIVER TWO SMART CARD READERS - 12Vdc / 220Vac



**V9191**

ACTIVE MULTISWITCH 4X4 - FOR MULTI OUTPUT SATELLITE ANTENNAS



With the exception of the directional options, the omni-directional antennas have a wider reception angle and receive a TV signal throughout 360°. The width of the reception angle compensates, even if partially, the loss of quality caused by the rolling, pitching or tilting of the boat trim. The most important shipyards of the world choose Glomex omni-directional TV antennas. They receive both VHF and UHF frequencies, being fed to 12/24V DC by a suitable adaptor operating at 220V AC, and allow the viewing of TV programs broadcasted with analog and digital terrestrial system.



A la différence des antennes directionnelles, les antennes omnidirectionnelles sont pourvues d'un angle de réception plus grand et reçoivent le signal TV à 360°. La largeur de l'angle de réception compense, même partiellement, la perte de qualité engendrée par le roulis, le tangage ou la gîte du bateau. Les antennes omnidirectionnelles TV Glomex sont choisies par les chantiers navals les plus importants du monde entier. Elles reçoivent aussi bien les fréquences VHF, que UHF, elles sont alimentées en 12/24V DC grâce à un adaptateur approprié, fonctionnant en 220V AC, et permettent de regarder les programmes TV analogiques ou numériques terrestres.



ANTENNA CODE	V9114E	V9125/12	V9126
ANTENNA DIAMETER	100 mm (4")	250 mm (10")	250 mm (10")
ANTENNA HEIGHT	210 mm (8") [560 mm - 22" with vertical whip]	120 mm (5") [151 mm (5,9") with shark fin]	300 mm (12")
BASE DIAMETER	25 mm (1")	25 mm (1")	25 mm (1")
ANTENNA WEIGHT	250 g (8,81 oz)	350 g (12,34 oz) [405 g (14,29 oz) with shark fin]	430 g (15,17 oz)
RADOME MATERIAL	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA
ANGLE OF RECEPTION	360°	360°	360°
POLARIZATION	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
IMPEDANCE	75 ohms	75 ohms	75 ohms
FREQUENCY RANGE	40/890 MHz	40/890 MHz	40/890 MHz
GAIN AVERAGE	25 dB	26 dB	27,5 dB
NOISE FACTOR	2,2 dB	2,2 dB	2,1 dB
POWER CONSUMPTION	20 mA	20 mA	45 mA
POWER SUPPLY	12 Vdc	12-24 Vdc	12-24 Vdc
ADJUSTABLE GAIN	No	Yes	Yes
ANTENNA AMPL/BY PASS	No	No	Yes
A/B SWITCH	No	No	No
TV SET MAX	1	2	2
TERMINATION	F female	F female	F female
CONNECTOR SUPPLIED	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)

DVB-T



DIGITALE  
TERRESTRE



A differenza di quelle direttive, le antenne omnidirezionali hanno un angolo di ricezione più ampio e ricevono il segnale televisivo a 360°. L'ampiezza dell'angolo di ricezione compensa, seppur parzialmente, la perdita di qualità del segnale causata dai movimenti di rollio, beccheggio o dall'inclinazione assunta dall'imbarcazione. Le antenne TV omnidirezionali Glomex sono scelte dai più importanti cantieri nautici di tutto il mondo. Ricevono sia le frequenze VHF che le UHF, alimentandosi a 12/24V DC o, con un apposito adattatore, a 220V AC, e permettono di vedere i programmi televisivi trasmessi in analogico e digitale terrestre.



ANTENNA CODE	V9112/12EC	V9112/12AB	V9112/12	V9150/12
ANTENNA DIAMETER	370 mm (14")	370 mm (14")	370 mm (14")	370 mm (14")
ANTENNA HEIGHT	185 mm (7") [240 mm (9,5") with shark fin]	185 mm (7") [240 mm (9,5") with shark fin]	185 mm (7") [240 mm (9,5") with shark fin]	185 mm (7") [240 mm (9,5") with shark fin]
BASE DIAMETER	25 mm (1")	25 mm (1")	25 mm (1")	25 mm (1")
ANTENNA WEIGHT	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]
RADOME MATERIAL	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA
ANGLE OF RECEPTION	360°	360°	360°	360°
POLARIZATION	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
IMPEDANCE	75 ohms	75 ohms	75 ohms	75 ohms
FREQUENCY RANGE	40/890 MHz	40/890 MHz	40/890 MHz	40/890 MHz
GAIN AVERAGE	27,5 dB	27,5 dB	27,5 dB	36 dB
NOISE FACTOR	2,2 dB	2,1 dB	2,1 dB	2,1 dB
POWER CONSUPTION	20 mA	20 mA	20 mA	20 mA
POWER SUPPLY	12-24 Vdc	12-24 Vdc	12-24 Vdc	12-24 Vdc
ADJUSTABLE GAIN	Yes	Yes	Yes	Yes
ANTENNA AMPL/BY PASS	No	No	Yes	no
A/B SWITCH	No	Yes	No	Yes
TV SET MAX	2	2	2	6
TERMINATION	F female	F female	F female	F female
CONNECTOR SUPPLIED	F male gold planed connector (V9144)	F male gold planed connector (V9144)	F male gold planed connector (V9144)	F male gold planed connector (V9144)





## KEY POINTS

2 outputs: one to TV  
and one to AM/FM radio

- Fix gain
- 1 input from the antenna
- High output level to TV system or to AM/FM radio
- Power supply: 12 Vdc
- Gain average: 25 dB
- Noise factor: 2.2dB

## Special offer

Code **V9114**

(2011 version and price)  
subject to availability

\*see specifications page 20

# V9114E VEGA<sup>2</sup>

TV + AM/FM RADIO ANTENNA



Supplied



Supplied



Supplied



Supplied



Option



Sail Boat



Power Boat




DVB-T





DIGITALE  
TERRESTRE



## "VEGA BLISTER PACK"

 The Vega<sup>2</sup> is renewed in design and performance keeping an essential style. Vega<sup>2</sup> is the TV/RADIO AM-FM Omni-directional antenna in the Glomex range characterized by very compact dimensions (diameter 100 mm/4" and height 210 mm/8" – 560 mm/22" with vertical whip). It enables the user to watch TV programs broadcasted with analog and digital terrestrial system and to listen the radio. The new vertical whip allows Vega<sup>2</sup> to have an increase in the gain and to receive vertically and horizontally polarized TV signals coming from more directions at the same time. The inner amplifier, coupled to the voltage feeder with 2 independent outputs for TV and radio (V9114OI-FM), allows the reception of VHF and UHF and AM-FM frequencies with a single antenna. Vega<sup>2</sup> can be installed on any kind of boat, whether sailboat or motorboat, and can be matched to the VHF RA121 antenna.

 La Vega<sup>2</sup> est renouvelée dans le design et la prestation, en maintenant un style essentiel. Vega<sup>2</sup> est l'antenne omnidirectionnelle TV/RADIO AM-FM de la gamme Glomex caractérisée par dimensions vraiment compactes (diamètre 100 mm/4" et hauteur 210 mm/8" – 560 mm/22" avec le fouet vertical), pour regarder les programmes TV analogique et numérique terrestre et pour écouter la radio. Avec le nouvel fouet vertical Vega<sup>2</sup> a une augmentation des gains et peut recevoir des signaux TV polarisés aussi bien verticalement qu'horizontalement, provenant de plusieurs directions en même temps. L'amplificateur interne, couplé au bloc d'alimentation de tension avec 2 sorties indépendantes pour TV et radio (V9114PI-FM), permet de recevoir aussi bien les fréquences VHF et UHF que les fréquences AM-FM avec une seule antenne. Vega<sup>2</sup> peut être installée sur tout type de bateau, aussi bien à voile qu'à moteur, et peut être assemblée à l'antenne VHF RA121.

 La Vega<sup>2</sup> si rinnova in design e prestazioni, nel segno della continuità con lo stile essenziale apprezzato da sempre. Vega<sup>2</sup> è l'antenna TV/RADIO AM-FM omnidirezionale della gamma Glomex, estremamente ridotta nelle dimensioni con un diametro di appena 100 mm/4" e un'altezza di 210 mm/8" (560 mm/22" con stilo verticale), per ricevere i segnali televisivi analogico-digitali ed ascoltare la radio. Grazie al nuovo stilo verticale, Vega<sup>2</sup> ha un aumento di guadagno ed è in grado di ricevere il segnale da più direzioni contemporaneamente e segnali TV polarizzati sia orizzontalmente sia verticalmente. Inoltre, l'amplificatore interno, accoppiato all'inseritore di tensione con 2 uscite indipendenti per TV e radio (V9114PI-FM), permette di ricevere con un'unica antenna sia le frequenze VHF e UHF, sia le frequenze AM-FM. Vega<sup>2</sup> può essere installata su ogni tipo di imbarcazione, a vela o a motore, e può essere abbinata all'antenna VHF RA121.



V9124 stainless steel universal mount

Option



V9148 AM/FM radio cable

Option



V9192 XDOME  
Decoder combo SAT - DVB-T

Option



RA121 (VHF)

Match appearance

OMNIDIRECTIONAL  
ANALOG-DIGITAL TV ANTENNAS

V9114E VEGA<sup>2</sup>

**NEW VERSION**  
AVAILABLE  
FROM  
2012





\*see specifications page 20

**Special offer**  
Code **V9125/00**  
(2011 version and price)  
subject to availability



## V9125/12 TALITHA

					
50023/98EC line amplifier + wall plastic mount	V9139/20 20m/66' coax cable	V9143 1,5m/5' TV set cord	V9144 F-male gold plated connectors (2pcs)	V9147 2 way splitter	V9124 stainless steel universal mount
Supplied	Supplied	Supplied	Supplied	Option	Option



Sail Boat



Power Boat



## V9125/12 with 50023/98EC AMPLIFIER

### AMPLIFIER MIN - MAX GAIN



## 50023/98EC AMPLIFIER

### KEY POINTS

- Adjustable gain
- 1 input: from the antenna
- 1 output: TV or the 2 way splitter
- Power supply: 12-24 Vdc.
- Power consumption: <20mA
- Gain average: 27.5 dB
- Noise factor: 2.2 dB



The V9125/12 is the Omni-directional TV antenna renewed in design and performance keeping the essential style that is the ideal solution for any type of boat. V9125/12 is also characterized by compact dimensions (diameter 250mm / 10") and high quality materials. Talitha is distinguished by an innovative design based to the new pinnacle as a "shark fin" (high 31 mm / 1,2"), for receiving vertically polarized TV signals, that fits perfectly on the new radome with aerodynamic lines. Thanks to vertical pinnacle inside the "shark fin", Talitha can receive analog or digital TV signals polarized both horizontally and vertically, thus it is the ideal solution for any type of boat, sailboat or motorboat. Talitha is equipped with the 50023/98EC amplifier allowing the adjustment of received signal's gain intensity. If matched with a splitter V9147 (2-way, optional) installed between the antenna the antenna and the amplifier, it can also receive AM-FM radio frequencies.

La V9125/12 est une antenne TV omnidirectionnelle renouvelée dans le design et la prestation, en maintenant le style essentiel que représente la solution idéale pour tout type de bateau. V9125/12 se caractérise aussi pour les dimensions compactes (diamètre 250 mm / 10") et matériaux de haute qualité. Talitha se distingue pour le design innovant avec le nouvel pinacle en forme d'ailerons de requin (haute 31 mm/1,2"), pour la réception des signaux TV polarisés verticalement, qui s'adapte parfaitement sur le nouvel radome avec des lignes aérodynamiques. Avec le pinacle vertical dans le «ailerons de requin», Talitha peut recevoir les signaux TV analogiques et numériques terrestres polarisés aussi bien verticalement qu'horizontalement, représentant la solution idéal pour tout type de bateau, aussi bien à voile qu'à moteur. Talitha est équipée de l'amplificateur 50023/98EC qui permet la réglage de l'intensité du gain du signal reçu. Si elle est assemblée à un répartiteur V9147 (à 2 voies en option), installé entre l'antenne et l'amplificateur, elle peut aussi recevoir les fréquences radio AM-FM.

La V9125/12 si rinnova in design e prestazioni, nel segno della continuità con lo stile essenziale apprezzato da sempre per la capacità di integrarsi magnificamente su ogni tipo di imbarcazione, mantenendo allo stesso tempo dimensioni compatte (diametro 250 mm/10") e materiali costruttivi di altissima qualità. Talitha si caratterizza per un design innovativo grazie alla nuova appendice a "pinna di squalo" (alta 31 mm/1,2"), per la ricezione dei segnali in polarizzazione verticale, che si integra perfettamente sul radome superiore grazie alle nuove linee aerodinamiche appositamente studiate. Grazie allo stilo verticale inserito all'interno della "pinna di squalo", Talitha permette la ricezione dei segnali televisivi analogico-digitali in entrambe le polarizzazioni, orizzontale e verticale, per tale motivo è la soluzione ideale per qualsiasi tipo di imbarcazione, a vela o a motore. Talitha è un'antenna TV omnidirezionale dotata dell'amplificatore 50023/98EC che consente di regolare l'intensità del guadagno sul segnale ricevuto. Se abbinata ad uno splitter V9147 (2 way, opzionale) installato tra l'antenna e l'amplificatore, può ricevere anche le frequenze radio AM-FM.



360°

DVB-T



DIGITALE TERRESTRE

CE

V9146

F90° connector (optional)

Glomex suggests to use the V9146 F 90° connector to install the antenna.

Glomex conseille l'utilisation du connecteur V9146 F 90° pour l'installation de l'antenne.

Glomex consiglia l'utilizzo del connettore V9146 F 90° per l'installazione dell'antenna.



V9123 stainless steel masthead mount



V9117 220V AC adaptor



V9148 AM/FM radio cable



V9146 F90° connector



V9192 XDOME Decoder combo SAT - DVB-T

Option

Option

Option

Option

Option

OMNIDIRECTIONAL  
ANALOG-DIGITAL TV ANTENNAS

V9125/12 TALITHA



\*see specifications page 20



V9126 ALTAIR

 50023/98 line amplifier + wall plastic mount	 V9139/20 20m/66' coax cable	 V9143 1,5m/5' TV set cord	 Universal mount	 V9144 F-male gold plated connectors (2pcs)
Supplied	Supplied	Supplied	Supplied	Option



Power Boat



Big Yacht



Commercial Ship

## V9126 with 50023/98 AMPLIFIER

## 50023/98 AMPLIFIER

## KEY POINTS

- Adjustable gain
- 2 inputs: one from the antenna and the other one from the dock or the DVD
- 1 output: TV
- Amplifier/by-pass
- Power supply: 12-24 Vdc
- High output level to the TV system or to the 2/4 way splitter (max 4)
- Gain average: 27.5 dB
- Noise factor: 2.1 dB



28db


Vertical Polarization


DVB-T




DIGITALE TERRESTRE



 Altair is the omni-directional TV antenna ensuring high performance in signal reception with both polarizations: horizontal and vertical. In fact Altair, is different to the other omni-directional antennas, in that it has a Radome with dimensions (diameter 250 mm/10", height 300 mm/12") allowing the installation of the vertical reception component inside. Altair is equipped with amplifier with by-pass function (50023/98.) In order to keep a balanced look of your boat, Altair can be matched to the VHF RA124, as they are identical in shape and size.

 Altair est une antenne TV omnidirectionnelle garantissant une performance élevée et la réception des signaux dans les deux polarisations : horizontale et verticale. En effet, Altair, comparée aux autres antennes omnidirectionnelles, a un radôme aux dimensions telles (diamètre 250 mm, hauteur 300 mm), qui permet l'installation d'un élément de réception verticale à l'intérieur de celui-ci. Altair est équipée d'un amplificateur avec fonction by-pass (50023/98). Pour maintenir un aspect équilibré à votre bateau, Altair peut être installée avec l'antenne VHF RA124, car de forme et de dimension identiques.

 Altair è l'antenna TV omnidirezionale che garantisce elevate performance nella ricezione dei segnali in entrambe le polarizzazioni: orizzontale e verticale. Rispetto alle altre antenne omnidirezionali, infatti, Altair ha un radome di dimensioni tali (diametro 250 mm/10", altezza 300 mm/12") da permettere l'installazione dell'elemento di ricezione verticale al proprio interno. Altair è dotata di un amplificatore con funzione by-pass (50023/98). Per mantenere un look bilanciato sulla propria imbarcazione, Altair può essere abbinata all'antenna VHF RA124, identica per forma e dimensione.



V9124 stainless steel universal mount

Option



V9148 AM/FM radio cable

Option



V9192 XDOME  
Decoder combo SAT - DVB-T

Option



RA124 (VHF)

Match appearance



**NEW VERSION**  
AVAILABLE  
FROM  
2012

# NASHIRA



**Special offer**  
**Code V9112**  
(2011 version and price)  
subject to availability

\*see specifications page 21

**NEW**



**V9172**  
Stainless steel mount for  
V9112/12 and V9150/12



## V9112/12 NASHIRA

						
50023/98 or 50023/98EC or 50023/98SR12 line amplifier + wall plastic mount	V9139/20 20m/66' coax cable	V9143 1,5m/5' TV set cord	V9144 F-male gold plated connectors (2pcs)	V9147 2 way splitter	V9151 4 way splitter	V9172 Stainless steel mount for V9112/12 and V9150/12
Supplied	Supplied	Supplied	Supplied	Option	Option	Option



Sail Boat



Power Boat

AVAILABLE WITH 3 DIFFERENT AMPLIFIERS:

V9112/12

V9112/12EC

V9112/12AB



50023/98  
AMPLIFIER



50023/98EC  
AMPLIFIER



50023/98SR12  
AMPLIFIER

\*see specifications page 26

After more than 25 years of leadership as the best seller TV antenna in the world, the V9112/12 is renewed in design and performance keeping the essential style that is the ideal solution for any type of boat. V9112/12 is also characterized by compact dimensions (diameter 370mm / 14") and high quality materials. Nashira is distinguished by an innovative design based to the new pinnacle as a "shark fin" (high 55mm / 2,2"), for receiving vertically polarized TV signals, that fits perfectly on the new radome with aerodynamic lines. The new reinforced base, coupled with the Glomex exclusive micro-fused, electro-polished and hand polished stainless steel mount (code V9172), ensures the best antenna's stability in any sea conditions. Thanks to vertical pinnacle inside the "shark fin", Nashira can receive polarized TV signals both horizontally and vertically, thus it is the ideal solution for any type of boat, sailboat or motorboat.

The terrestrial signal quality, either analog or digital, can also be tuned by turning the amplifier. Nashira is available with 3 different amplifiers: 50023/98, 50023/98EC e 50023/98SR12 A/B (the supplied amplifier determines the antenna version). If matched with a splitter V9147 (2-ways, optional) installed between the antenna and the amplifier, it can also receive AM-FM radio frequencies.

Après plus de 25 ans de leadership comme antenne TV marine la plus vendue au monde, la V9112/12 est renouvelée dans le design et la performance, en maintenant le style essentiel que représente la solution idéale pour tout type de bateau. V9112/12 se caractérise aussi pour les dimensions compactes (diamètre 370 mm / 14") et matériaux de haute qualité. Nashira se distingue pour le design innovant avec le nouvel pinacle en forme d'ailerons de requin (haute 55 mm/2,2"), pour la réception des signaux TV polarisés verticalement, qui s'adapte parfaitement sur le nouvel radome avec des lignes aérodynamiques. La nouvelle base renforcée, couplée avec le support exclusif Glomex en acier inoxydable électro-poli, fabriqué à la main et obtenu par micro-fusion (code V9172), assure la stabilité de la meilleure antenne dans toutes les conditions de la mer. Avec le pinacle vertical dans le « ailerons de requin », Nashira peut recevoir les signaux TV polarisés aussi bien verticalement qu'horizontalement, représentant la solution idéal pour tout type de bateau, aussi bien à voile qu'à moteur. La qualité de la réception des signaux TV analogiques et numériques terrestres peut être étalonée à travers l'amplificateur. Nashira est disponible avec 3 amplificateurs différents: 50023/98, 50023/98EC e 50023/98SR12 A/B (l'amplificateur fourni détermine la version de l'antenne). Si elle est assemblée à un répartiteur V9147 (à 2 voies en option), installé entre l'antenne et l'amplificateur, elle peut aussi recevoir les fréquences radio AM-FM.

Dopo oltre 25 anni di leadership come antenna televisiva marina terrestre più venduta al mondo, la V9112/12 si rinnova in design e prestazioni, nel segno della continuità con lo stile essenziale apprezzato da sempre per la capacità di integrarsi magnificamente su ogni tipo di imbarcazione, mantenendo allo stesso tempo dimensioni compatte (diametro 370 mm/14") e materiali costruttivi di altissima qualità. Nashira si caratterizza per un design innovativo grazie alla nuova appendice a "pinna di squalo" (alta 55 mm/2,2"), per la ricezione dei segnali in polarizzazione verticale, che si integra perfettamente sul radome superiore grazie alle nuove linee aerodinamiche appositamente studiate. La nuova base rinforzata, abbinata all'esclusivo supporto in acciaio inox microfuso, elettrolucidato e lucidato a mano cod. V9172, garantiscono la massima stabilità dell'antenna in qualsiasi condizione di navigazione. Grazie allo stilo verticale inserito all'interno della "pinna di squalo", Nashira permette la ricezione dei segnali in entrambe le polarizzazioni, orizzontale e verticale, perciò è la soluzione ideale per qualsiasi tipo di imbarcazione, a vela o a motore. La qualità della ricezione dei segnali televisivi analogici e digitali terrestri dipende anche dalla scelta dell'amplificatore. Nashira è disponibile con 3 diversi amplificatori: 50023/98, 50023/98EC e 50023/98SR12 A/B (l'amplificatore fornito determina la versione dell'antenna). Se abbinata ad uno splitter V9147 (2 way, opzionale) installato tra l'antenna e l'amplificatore, può ricevere anche le frequenze radio AM-FM.



360°

DVB-T



DIGITALE  
TERRESTRE

CE



V9173TV stainless  
steel masthead mount



V9117 220V AC  
adaptor



V9148 AM/FM radio  
cable



V9149  
2 way radio cable



V9113 seagull  
protection



V9146 F90°  
connector



V9192 XDOME  
Decoder combo  
SAT - DVB-T

Option

Option

Option

Option

Option

Option

Option

OMNIDIRECTIONAL  
ANALOG-DIGITAL TV ANTENNAS

V9112/12 NASHIRA



## GLOMEX TV AMPLIFIERS FOR V9112/12

The amplifier is a device allowing you to monitor the antenna gain, by adjusting the intensity of the signal input or output. Generally the amplifier allows the adjustment of the signal power in order to optimize the reception: it amplifies the weaker signals or damps the stronger ones. In the areas crowded with strong signals, you can activate the by-pass function (if provided), by disconnecting the amplification and transmitting directly to the TV-set without troubling the reception. If an alternative TV connection is available (for instance from dock) and you have an amplifier with A/B switch as well, you can cut off the TV-signal reception of your antenna and receive directly from another source. The amplifier can be installed on walls or embedded/flush mounted (all fittings are supplied.)

## GLOMEX AMPLIFICATEURS TV POUR V9112/12

L'amplificateur est un dispositif qui permet de contrôler le gain de l'antenne, en ajustant l'intensité de la réception ou de la transmission du signal. En général, l'amplificateur permet de régler la puissance du signal, afin d'optimiser sa réception : il amplifie les signaux les plus faibles ou atténue les plus forts. Dans des zones à forte densité en signaux, il est possible d'activer la fonction by-pass (si fournie), en désactivant l'amplificateur et en transmettant directement au téléviseur sans perturber la réception. Dans le cas où l'on dispose d'un branchement en courant alternatif (par exemple à quai) et d'un amplificateur avec commutateur A/B, il est possible d'interrompre la réception du signal TV de votre antenne et de recevoir le signal directement d'une autre source. Les amplificateurs peuvent être installés ou incorporés dans les cloisons (les supports sont fournis en série).

## GLOMEX TV AMPLIFIERS FOR V9112/12

L'amplificatore è un dispositivo che consente di controllare il guadagno dell'antenna, aggiustando l'intensità del segnale in ingresso o in uscita. In generale, l'amplificatore consente di regolare la potenza del segnale al fine di ottimizzare la ricezione: amplificare i segnali più deboli o attenuare quelli più forti. Nelle aree dense di forti segnali è possibile attivare la funzione by-pass (dove prevista), escludendo l'amplificazione e trasmettendo direttamente all'apparato televisivo senza disturbare la ricezione. Nel caso in cui si disponga di un allacciamento TV alternativo (ad es. in banchina) e di un amplificatore con funzione A/B switch, è possibile interrompere la ricezione del segnale TV dalla propria antenna e ricevere direttamente dall'altra fonte. Gli amplificatori possono essere installati a muro o a incasso (supporti forniti di serie).

# GLOMEX TV AMPLIFIERS FOR V9112/12



**V9146**  
F90° connector (option)

Glomex suggests to use the V9146 F 90° connector to install the antenna.

Glomex conseille l'utilisation du connecteur V9146 F 90° pour l'installation de l'antenne.

Glomex consiglia l'utilizzo del connettore V9146 F 90° per installare l'antenna.



V9147 (Two way splitter)



V9151 (Four way splitter)

**SPLITTER FOR TV ANTENNAS (Option)**







DVB-T



DIGITALE TERRESTRE



### V9112/12 with 50023/98 AMPLIFIER



#### BY PASS



### 50023/98 KEY POINTS

- Adjustable gain
- 2 inputs: one from the antenna and the other one from the dock or the DVD
- 1 output: TV
- Amplifier/by-pass
- Power supply: 12-24 Vdc
- High output level to the TV system or to the 2/4 way splitter (max 4)
- Gain average: 27.5 dB
- Noise factor: 2.1dB

### V9112/12EC with 50023/98EC AMPLIFIER

#### AMPLIFIER MIN - MAX GAIN



### 50023/98EC KEY POINTS

- Adjustable gain
- 1 input: from the antenna
- 1 output: TV or the 2 way splitter
- Power supply: 12-24 Vdc.
- Power consumption: <20mA
- Gain average: 27.5 dB
- Noise factor: 2.2 dB

### V9112/12AB with 50023/98SR12 A/B SWITCH AMPLIFIER



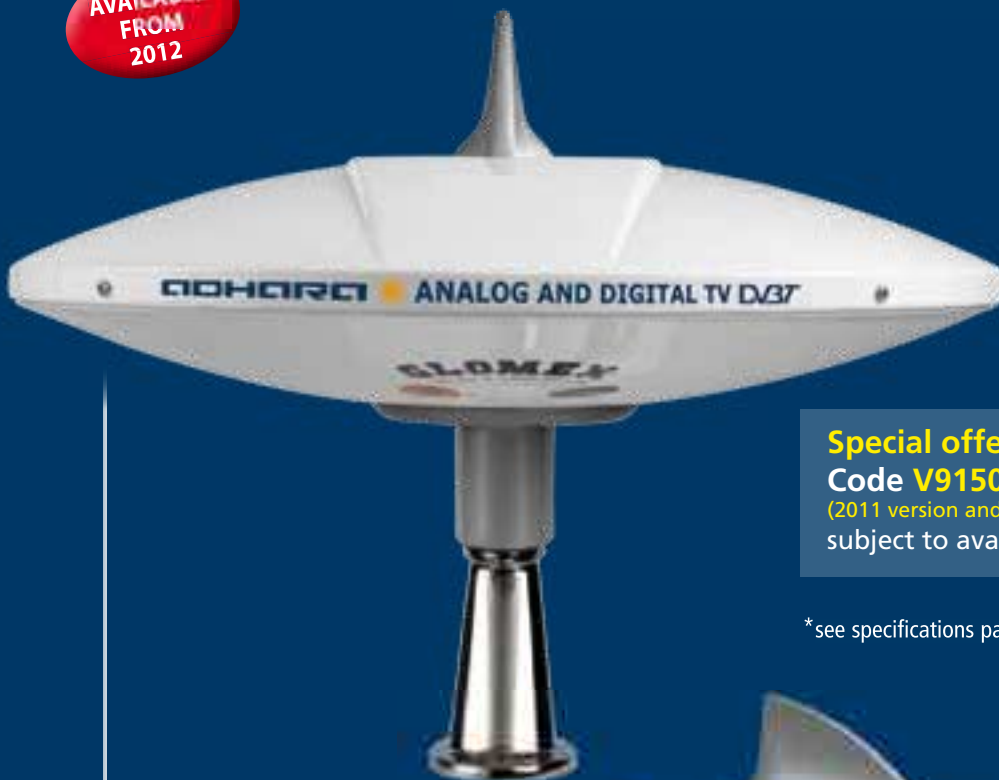
### 50023/98SR12 A/B SWITCH KEY POINTS

- Adjustable gain
- 2 inputs: one from the antenna and the other one from the dock (A/B switch)
- 1 output: TV or the 2/4 way splitter (max 4)
- Power supply: 12 Vdc
- Gain average: 27.5 dB
- Noise factor: 2.1 dB
- A/B switch: when the knob is turned to the "A" input antenna, the amplifier is on. On "B" means the input is from the dock or from another source and the amplifier is off

# V9150/12 ADHARA

**NEW VERSION**  
AVAILABLE  
FROM  
2012

# ADHARA



**Special offer**  
Code **V9150/00**  
(2011 version and price)  
subject to availability

\*see specifications page 21

**NEW**



**V9172**  
Stainless steel mount for  
V9112/12 and V9150/12



## V9150/12 ADHARA

### OMNIDIRECTIONAL ANALOG-DIGITAL TV ANTENNAS



50023/98SR12 line amplifier  
+ wall plastic mount

Supplied



50022/10 6 way line amplifier

Supplied



V9139/20 20m/66' coax cable

Supplied



V9139/25 25m/82'  
coax cable (2 pcs)

Supplied



V9144 F-male gold plated  
connectors (11 pcs)

Supplied



Power Boat



Big Yacht



Commercial Ship



360°

DVB-T



DIGITALE  
TERRESTRE



The new V9150/12 is the Omni directional TV antenna renewed in design and performance keeping the essential style, compact dimensions (diameter 370mm / 14") and high quality materials, developed to meet the requirements of large yachts and cargo ships. Adhara is distinguished by an innovative design based to the new pinnacle as a "shark fin" (high 55mm / 2,2"), for receiving vertically polarized TV signals, that fits perfectly on the new radome with aerodynamic lines. Thanks to vertical pinnacle inside the "shark fin", Adhara can receive analog or digital TV signals polarized both horizontally and vertically. Adhara is equipped with 2 amplifiers: the 50023/98SR12 amplifier can be equipped with the A/B switch option (from antenna or other source), and the 50022/10 is both amplifier and splitter allowing the signal to be directed to several TVs whilst retaining a high quality image.



La nouvelle V9150/12 est une antenne TV omnidirectionnelle renouvelée dans le design et la prestation, en maintenant le style essentiel, dimensions compactes (diamètre 370 mm / 14") et matériaux de haute qualité, développée pour satisfaire les exigences de grands yachts et des bateaux de commerce. Adhara se caractérise pour le design innovant avec le nouvel pinacle en forme d'ailerons de requin (haute 55 mm/2,2"), pour la réception des signaux TV polarisés verticalement, qui s'adapte parfaitement sur le nouvel radome avec des lignes aérodynamiques. Avec le pinacle vertical dans le «ailerons de requin», Adhara peut recevoir les signaux TV analogiques et numériques terrestres polarisés aussi bien verticalement qu'horizontalement. Adhara est équipée de 2 amplificateurs: l'amplificateur 50023/98SR12 est aussi doté du commutateur A/B pour la réception par l'antenne ou par d'autre source, et le 50022/10 qui est à la fois un amplificateur et un répartiteur de signaux vers plusieurs téléviseurs sans perte de qualité.



La nuova V9150/12 si rinnova in design e prestazioni, nel segno della continuità con lo stile essenziale, le dimensioni compatte (diametro 370 mm/14") e materiali costruttivi di altissima qualità che la rendono ideale per soddisfare le esigenze dei grandi yacht e delle navi commerciali. Adhara si caratterizza per un design innovativo grazie alla nuova appendice a "pinna di squalo" (alta 55 mm/2,2"), per la ricezione dei segnali in polarizzazione verticale, che si integra perfettamente sul radome superiore grazie alle nuove linee aerodinamiche appositamente studiate.

Grazie allo stilo verticale inserito all'interno della "pinna di squalo", Adhara è l'antenna TV omnidirezionale che permette la ricezione dei segnali televisivi analogico-digitali in entrambe le polarizzazioni, orizzontale e verticale.

Adhara è dotata di 2 amplificatori: il 50023/98SR12, che ha anche l'opzione A/B switch da antenna o da altra fonte, e il 50022/10, che è sia un amplificatore sia ripartitore del segnale tra più televisori senza perdita di qualità.



V9172  
Stainless steel mount  
for V9112/12 and V9150/12

Option



V9173TV stainless steel  
masthead mount

Option



V9146 F90° connector

Option



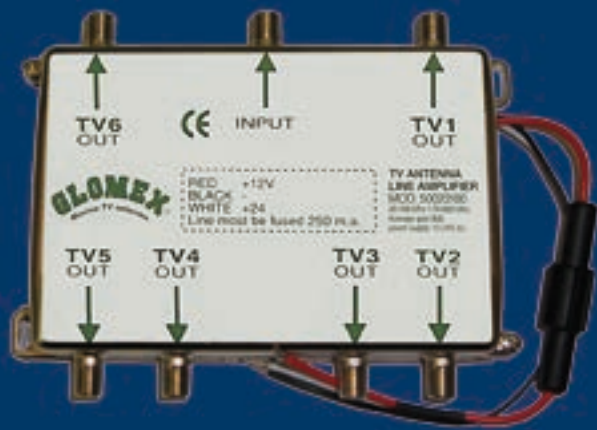
V9192 XDOME  
Decoder combo SAT - DVB-T

Option

OMNIDIRECTIONAL  
ANALOG-DIGITAL TV ANTENNAS

V9150/12 ADHARA





## 50022/10 AMPLIFIER

The 50022/10 is both a line amplifier and a splitter, that allows to connect up to 6 TV set.

L'amplificateur 50022/10 est soit un amplificateur que un répartiteur qui permet de connecter jusqu'à 6 télévisions.

L'amplificatore 50022/10 è sia un amplificatore che un ripartitore che consente di collegare fino a 6 televisori.

### 50022/10 KEY POINTS

- 1 input: from the antenna
- 6 outputs: TV
- Power supplied: 12 or 24 V d.c.
- Gain average: 8 dB
- Noise factor: 2.1dB



### 50023/98SR12 A/B SWITCH KEY POINTS

- Adjustable gain
- 2 inputs: one from the antenna and the other one from the dock (A/B switch)
- 1 output: TV or the 2/4 way splitter (max 4)
- Power supply: 12 Vdc
- Gain average: 27.5 dB
- Noise factor: 2.1 dB
- A/B switch: when the knob is turned to the "A" input antenna, the amplifier is on. On "B" means the input is from the dock or from another source and the amplifier is off

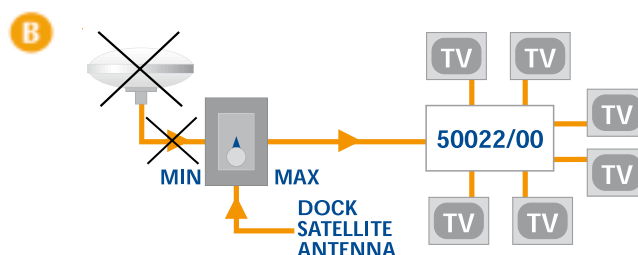
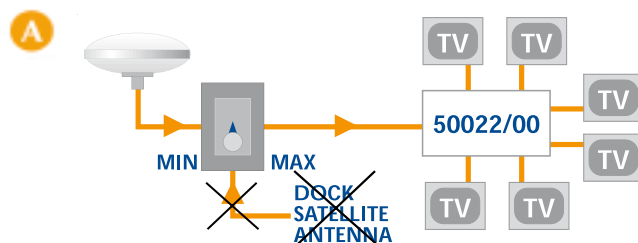
## 50023/98SR12 A/B SWITCH AMPLIFIER



Glomex suggests to use the V9146 F 90° connector to install the antenna.

Glomex conseille l'utilisation du connecteur V9146 F 90° pour l'installation de l'antenne.

Glomex consiglia l'utilizzo del connettore V9146 F 90° per installare l'antenna.





The directional antennas provide their maximum performance when oriented into a specific direction. Thanks to the presence of internal electric drives, actuated by remote controls, the antenna can be oriented towards the signal direction and obtain in this way the best gain. During cruising this is more difficult, because the boat movement tends to modify constantly the best reception angle. The Glomex TV directional antennas, assure the reception of the analog and digital terrestrial TV signals, they can be oriented by means of infrared remote control and come in a range of shapes to satisfy the yachtsmen requirements.



Les antennes directionnelles fournissent leur performance maximale lorsqu'elles sont orientées dans une direction spécifique. Grâce à la présence de moteurs électriques internes, activables par des télécommandes, il est possible d'orienter l'antenne dans la direction du signal et d'obtenir de cette façon le meilleur gain. Pendant la navigation, cela est plus difficile en raison des mouvements du bateau qui tendent à modifier constamment le meilleur angle de réception. Les antennes directionnelles TV Glomex, assurent la réception du signal TV terrestre analogique et numérique. Elles peuvent être orientées au moyen d'une télécommande infrarouge et fournit une vaste gamme de formes pour répondre aux exigences des plaisanciers.



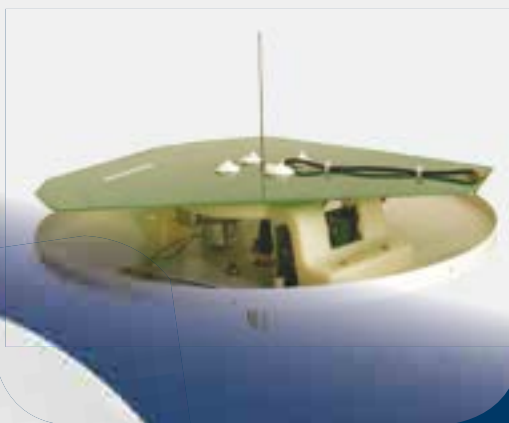
Le antenne direttive esprimono il massimo del loro rendimento in una direzione specifica. Grazie alla presenza di motori elettrici interni, attivabili mediante un sistema di controllo remoto, è possibile orientare l'antenna nella direzione del segnale e ottenere il massimo del guadagno. In navigazione questo è più difficile, a causa dei movimenti cui è soggetta l'imbarcazione che tendono a modificare costantemente l'angolo di ricezione ottimale. Le antenne TV direttive Glomex assicurano la ricezione del segnale televisivo terrestre analogico e digitale, possono essere orientate utilizzando un pratico telecomando a infrarossi, e presentano una varietà di forme per soddisfare le diverse esigenze dei diportisti.




	V9130	V9160VENUS	V9160SATURN	V9160MARS
ANTENNA CODE				
ANTENNA DIAMETER	370 mm (14")	420 mm (16")	500 mm (20")	660 mm (26")
ANTENNA HEIGHT	260 mm (10")	500 mm (20")	560 mm (22")	660 mm (26")
BASE DIAMETER	25 mm (1")	420 mm (16")	500 mm (20")	660 mm (26")
ANTENNA WEIGHT	1,5 kg (3,31 lb)	8 kg (17,63 lb)	8 kg (17,63 lb)	10 kg (22,04 lb)
RADOME MATERIAL	U.V. resistant ASA	U.V. resistant	U.V. resistant	U.V. resistant
ANGLE OF RECEPTION	60°	60°	60°	60°
POLARIZATION	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
IMPEDANCE	75 ohms	75 ohms	75 ohms	75 ohms
FREQUENCY RANGE	170/220 MHz (VHF) 470/860 MHz (UHF)	170/220 MHz (VHF) 470/860 MHz (UHF)	170/220 MHz (VHF) 470/860 MHz (UHF)	170/220 MHz (VHF) 470/860 MHz (UHF)
GAIN AVERAGE	36 dB	27,5 dB	27,5 dB	27,5 dB
NOISE FACTOR	2,1 dB	2,1 dB	2,1 dB	2,1 dB
POWER CONSUPTION	300 mA (motor moving) 150 mA (stand by mode)	300 mA (motor moving) 150 mA (stand by mode)	300 mA (motor moving) 150 mA (stand by mode)	300 mA (motor moving) 150 mA (stand by mode)
POWER SUPPLY	12 Vdc	12-24 Vdc	12-24 Vdc	12-24 Vdc
ADJUSTABLE GAIN	Yes	Yes	Yes	Yes
ANTENNA AMPL/BY PASS	Yes	Yes	Yes	Yes
A/B SWITCH	No	No	No	No
TV SET MAX	2	2	2	2
TERMINATION	F female	F female	F female	F female
CONNECTOR SUPPLIED	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)


# POLARIS


3 times more efficient than an omni-directional tv antenna



\*see specifications page 35

 Polaris è l'antenna TV direttiva che permette di ottenere fino 6 dB di guadagno, circa 3 volte più efficiente rispetto ad un'antenna omnidirezionale. L'angolo di ricezione è comodamente orientabile nella direzione della fonte del segnale tramite il telecomando a infrarossi che attiva i motori elettrici interni. Polaris è dotata di due amplificatori, uno interno ed uno esterno dotato di by-pass (50030), che assicurano elevate capacità di abbattimento del rumore e di bypass. Polaris può ricevere segnali TV polarizzati sia orizzontalmente che verticalmente, garantendo una visione eccellente sia della TV analogica, sia di quella digitale terrestre in qualsiasi luogo anche quando, in presenza di ostacoli naturali (come pareti rocciose, fiordi, ecc.), arrivano esclusivamente segnali polarizzati verticalmente.

 Polaris is a directional TV antenna allowing a gain of up to 6 dB, about 3 times more efficient when compared to an omni-directional antenna. The reception angle is easily orientated towards the signal direction by means of an infrared remote control, actuating the inside electric drives. Polaris is equipped with two amplifiers, an inner and an outer one with by-pass (50030,) assuring high noise squelching and by-pass capacity. Polaris can receive polarized TV signals both horizontally and vertically, assuring an excellent view of both analog and of digital terrestrial TV in any place, including, because of natural obstacles (for instance rocks or fiords, etc.) when only vertical polarized signals are received.

 Polaris est l'antenne TV directionnelle qui permet d'obtenir jusqu'à 6 dB de gain, presque 3 fois plus efficace qu'une antenne omnidirectionnelle. L'angle de réception est facilement orientable dans la direction du signal à l'aide d'une télécommande infrarouge, qui active les moteurs électriques internes. Polaris est équipée de deux amplificateurs, l'un interne et l'autre externe doté de by-pass (50030), qui lui confère une très forte capacité d'atténuation du bruit. Polaris peut recevoir des signaux TV polarisés aussi bien verticalement qu'horizontalement, en garantissant une image excellente en analogique et en numérique terrestre d'où quelle que soit votre position et même en présence d'obstacles naturels (par exemple: falaises ou fjords, etc.), elle peut recevoir les signaux verticaux polarisés.

## V9130 POLARIS

				
50030 line amplifier + wall plastic mount	Infrared antenna remote control	V9139/20 20m/66' coax cable	V9143 1,5m/5' TV set cord	V9144 F-male gold plated connectors (2pcs)
Supplied	Supplied	Supplied	Supplied	Option
				
V9124 stainless steel universal mount	V9173TV stainless steel masthead mount	V9147 2 way splitter	V9151 4 way splitter	V9192 XDOME Decoder combo SAT - DVB-T
Option	Option	Option	Option	Option



Sail Boat



Power Boat



Big Yacht



Commercial Ship

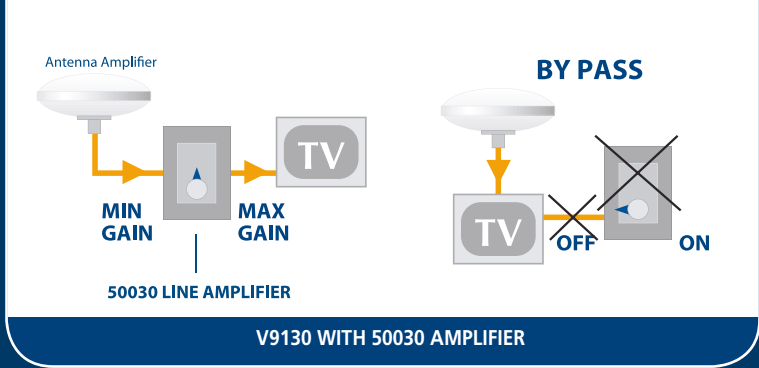


Vertical Polarization

DVB-T



DIGITALE TERRESTRE



#### 50030 KEY POINTS

- Adjustable gain
- 2 input: one from the antenna and the other one from the dock or the DVD
- 1 output: TV or 2/4 way splitter (max 4)
- Amplifier/by-pass
- High output level to the TV system or to the 2/4 way splitter (max 4)
- Power supply: 12 Vdc
- Gain average: 27.5 dB
- Noise factor: 2.1dB

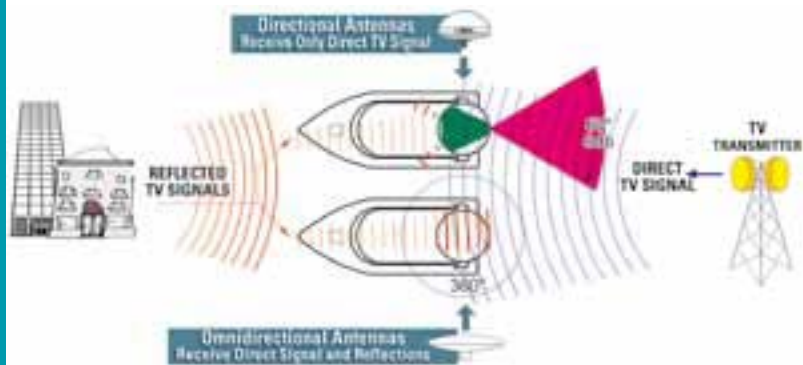
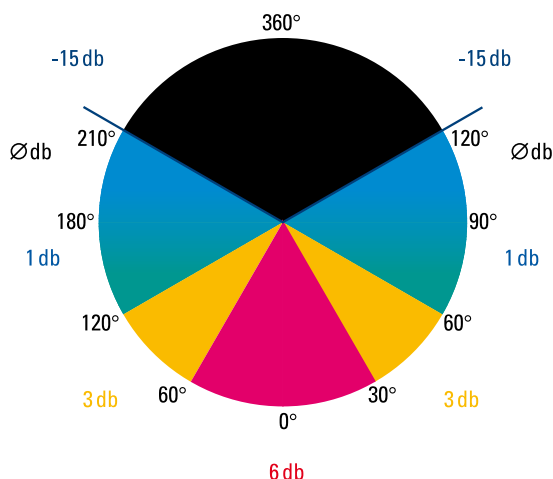
The 50030 amplifier equipped with by-pass allows the antenna to adjust the intensity of both weak and strong signals and also enables it to reduce the interferences produced by instruments or on board household appliances. If strong signals are present, the by-pass option deactivates amplification and directly transmits to the TV set without interrupting TV images or losing the signal.

L'amplificateur avec by-pass 50030 permet à l'antenne de régler l'intensité des signaux faibles, de recevoir clairement même dans des zones à forte densité de signaux et de réduire les interférences produites par des instruments ou par les appareils électroménagers à bord. Lors de la présence de signaux forts, le by-pass désactive l'amplificateur et transmet directement au téléviseur sans perturber la réception en évitant des images brouillées ou la perte du signal.

L'amplificatore dotato di by-pass 50030 consente all'antenna di aggiustare l'intensità dei segnali deboli, ricevere chiaramente anche in aree dense di forti segnali e ridurre le interferenze provenienti dalla strumentazione e dagli elettrodomestici di bordo. In presenza di forti segnali, il by-pass esclude l'amplificazione e trasmette direttamente all'apparato televisivo senza disturbare la ricezione, introducendo rumore alle immagini televisive o perdendo il segnale.

## 50030 AMPLIFIER BY-PASS

#### HORIZONTAL GAIN PATTERN



DIRECTIONAL  
ANALOG-DIGITAL TV ANTENNAS



AVAILABLE ON DIFFERENT SIZES TO BALANCE THE BOAT LOOK



VENUS

SATURN

MARS



V9160 with 50023/98 AMPLIFIER

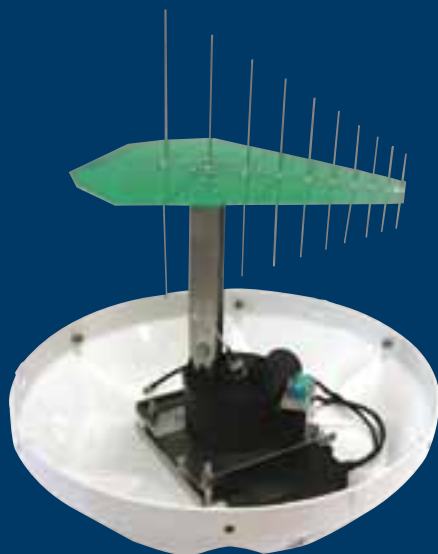



Vertical Polarization


DVB-T




DIGITALE TERRESTRE



 The V9160 is a directional TV antenna proposed by Glomex in order to meet the operational and aesthetic requirement of yachtsmen. The directional antenna is contained inside a Radome equal to that housing the Venus, Saturn and Mars satellite systems. This variety of choice allows the installation on board your boat of several types of antennas without changing the aesthetic balance of the whole. The V9160 can receive polarized signals both vertically (thanks to devices going through the radiating element) and horizontally. It allows an excellent view of both analog and digital terrestrial TV in any place, including, because of natural obstacles (for instance rocks or fiords, etc.) when only vertical polarized signals are received.

 La V9160 est une antenne TV directionnelle proposée par Glomex, afin de satisfaire les exigences fonctionnelles et esthétiques des plaisanciers. L'antenne directionnelle est contenue à l'intérieur d'un radôme semblable à celui qui contient les systèmes satellitaires Venus, Saturn et Mars. Cette variété de choix permet l'installation à bord de votre bateau de plusieurs types d'antenne sans altérer l'équilibre esthétique de l'ensemble. La V9160 peut recevoir des signaux polarisés aussi bien verticalement (grâce aux dispositifs qui traversent l'élément radiant) qu'horizontalement en permettant une image excellente en analogique et en numérique terrestre quelle que soit votre position ; et même en présence d'obstacles naturels (par exemple: falaises ou fjords, etc.), elle peut recevoir les signaux verticaux polarisés.

 La V9160 è un'antenna TV direttiva proposta da Glomex, per soddisfare le esigenze funzionali ed estetiche dei diportisti. L'antenna direttiva è racchiusa in un radome uguale a quello che ospita i sistemi satellitari Venus, Saturn e Mars. Questa varietà di scelta permette di installare a bordo della propria imbarcazione diverse tipologie di antenna senza alterare l'equilibrio estetico d'insieme. La V9160 può ricevere segnali polarizzati sia verticalmente (grazie ai dispositivi che attraversano l'elemento radiante) che orizzontalmente, permettendo una visione eccellente sia della TV analogica, sia di quella digitale terrestre in qualsiasi luogo; anche quando, in presenza di ostacoli naturali (es. pareti rocciose, fiordi, ecc.), arrivano esclusivamente segnali polarizzati verticalmente.

\*see specifications page 35

## V9160

				
50023/98 line amplifier + wall plastic mount	Infrared antenna remote control	V9139/20 20m/66' coax cable	V9143 1,5m/5' TV set cord	V9144 F-male gold plated connectors (2pcs)
Supplied	Supplied	Supplied	Supplied	Supplied
				AVAILABLE ON DIFFERENT SIZES SATURN VENUS MARS
V9147 2 way splitter	V9151 4 way splitter	V9500 Mount	V9192 XDOME Decoder combo SAT - DVBT	
Option	Option	Option	Option	Option



Power Boat



Big Yacht



Commercial Ship

**V9124**

UNIVERSAL MOUNT - 150mm (6") height / 25mm (1") diam. STAINLESS STEEL - FOR V9114/V9112/V9125/V9130/V9150

**ELECTROPOLISHED**

**RA102**

ROUND WEDGE 0/5° NYLON - 2pcs SET FOR UNIVERSAL MOUNTS

**V9123**

MASTHEAD MOUNT - 25mm (1") diam. STAINLESS STEEL FOR V9114/V9125

**ELECTROPOLISHED**

**V9173TV**

MASTHEAD MOUNT - 25mm (1") diam. STAINLESS STEEL FOR V9112/V9150

**ELECTROPOLISHED**

**V9113**

PROTECTION - 100mm (4") height - NYLON - TO PREVENT SEAGULLS FROM LANDING ON TOP OF V9112/V9150

**V9147**

2 WAY SPLITTER - FOR V9125/V9112/V9130

**V9151**

4 WAY SPLITTER - FOR V9112/V9130

**V9146**

F 90° CONNECTOR - NICKEL-PLATED - FOR TV ANTENNAS

**V9117**

POWER SUPPLY ADAPTOR 220V a.c. to 12V d.c. (300mA) EUROPEAN PLUG

**V9148**

RADIO CABLE - 3,6m (12') - F MALE GOLD-PLATED to MOTOROLA PLUG

**V9149**

2 WAY RADIO CABLE - 200mm (8") 1 x MOTOROLA JACK to 2 x MOTOROLA PLUG - FOR V9112/V9130



**SKY ITALIA  
APPROVED**

**V9192**

COMBO RECEIVER  
Smart card reader - Slot Common Interface (CI) compatible with the main offers available for terrestrial digital and satellite TV - 5000 storable channels - 5 video outputs

220Vac



**50022/10**

LINE AMPLIFIER - 1 INPUT and 6 OUTPUT  
- 12/24V - FOR V9150/00



**50023/98**

LINE AMPLIFIER - 2 INPUT and 1 OUTPUT  
BY PASS - 12/24V - FOR V9112/12, V9126,  
V9160



**50023/98EC**

LINE AMPLIFIER - 1 INPUT and 1 OUTPUT  
12/24V - FOR V9112/12EC, V9125/12



**50023/98SR12**

LINE AMPLIFIER - 2 INPUT AND 1  
OUTPUT - A/B SWITCH - 12V  
FOR V 9112/12AB, V9150/12



**50030**

LINE AMPLIFIER - 2 INPUT and 1 OUTPUT  
- BY PASS - 12V - FOR V9130 ONLY



**V9114PI**

POWER INSERTER - 1 INPUT and 1  
OUTPUT - 12V - FOR V9114 ONLY



**V9114PI-FM**

POWER INSERTER - 1 INPUT and 2  
OUTPUT - 12V  
FOR V9114 AM/FM ONLY



**V9130IR**

INFRARED SENSOR - FOR V9130RC  
REMOTE CONTROL ONLY



**V9130RC**

INFRARED ANTENNA REMOTE CONTROL  
FOR V9130 ONLY

# VHF ANTENNAS



VHF is the acronym for Very High Frequency and indicates the frequency used for the majority of maritime communications. The VHF antennas receive on the marine band going from 156.025 MHz to 162.025 MHz which consist of channels in according to what provided by International Authorities. In order to optimize the performance of a VHF antenna, its size must be proportional to the wavelength on which it is going to operate. Glomex offers a wide range of VHF antennas to meet every possible operational and aesthetic need of yachtsmen.



VHF est l'acronyme pour Very High Frequency et indique la fréquence utilisée par la plupart des communications maritimes. Les antennes VHF reçoivent sur la bande marine de 156.025 MHz à 162.025 MHz et selon les dispositions prises par les organismes internationaux, cette fréquence est composée de canaux. Afin d'optimiser la performance de l'antenne VHF, ses dimensions doivent être proportionnelles à la longueur d'onde sur laquelle elle va fonctionner. Glomex offre une vaste gamme d'antennes VHF, afin de satisfaire les exigences fonctionnelles et esthétiques des plaisanciers.



VHF è l'acronimo di Very High Frequency e sta ad indicare la frequenza utilizzata per la maggior parte delle comunicazioni marittime. Le antenne VHF ricevono sulla banda marina che va da 156.025 MHz a 162.025 MHz e, secondo quanto previsto dagli organismi internazionali, tale frequenza è divisa in canali. Per ottimizzare le performance dell'antenna VHF, quindi, le dimensioni devono essere proporzionate alla lunghezza d'onda sulla quale essa è chiamata ad operare. Glomex propone una vasta gamma di antenne VHF per soddisfare ogni esigenza funzionale ed estetica dei diportisti.

Aloud series .....	46
Classic series .....	56
Supergain series .....	62
Masthead .....	66
Regatta & emergency .....	68
Multipurpose .....	70



1 dB



**RA121** 210 mm (8")

1 dB



**RA124** 300 mm (12")





RA121 and RA124 are VHF antennas, identical to the V9114 Vega and V9126 Altair omni-directional TV antennas, allowing you to keep a balanced look of your boat. RA121 is a compact VHF antenna (diameter 100 mm/4", height 210 mm/8") conceived for any vessel, whether sailboat or motorboat. RA124 has a diameter of 250 mm (10") with 300 mm (12") height and is designed for installation on motorboats.



RA121 et RA124 sont des antennes VHF de forme et de dimension identiques aux antennes TV omnidirectionnelles V9114 Vega et V9126 Altair, pour conserver un aspect équilibré à votre bateau. RA121 est une antenne VHF compacte (diamètre 100 mm/4", dimension 210 mm/8"), conçue pour tout type de bateau, aussi bien à voile qu'à moteur. L'antenne RA124 fait 250 mm (10") de diamètre et 300 mm (12") de haut, et a été conçue pour être installée sur des bateaux à moteur.



RA121 e RA124 sono antenne VHF identiche, per forma e dimensione, alle antenne TV omnidirezionali V9114 Vega e V9126 Altair, per mantenere un look bilanciato sull'imbarcazione. RA121 è l'antenna VHF compatta (diametro 100 mm/4", altezza 210 mm/8"), destinata a tutti i tipi d'imbarcazione a vela e a motore. RA124 ha un diametro 250 mm (10") per 300 mm (12") di altezza, ed è destinata all'installazione su barche a motore.

## RA121 - RA124



Sail Boat



Power Boat



Power Boat



ANTENNA CODE	RA121	RA124
FREQUENCY RANGE	156/162 MHz	156/162 MHz
GAIN AVERAGE	1 dB	1 dB
IMPEDANCE	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	50 W	50 W
DC GROUND	No	No
ANTENNA LENGHT	210 mm (8")	300 mm (12")
ANTENNA WEIGHT	250 g (8,81 oz)	430 g (15,17 oz)
TERMINATION	SO239 for PL259 male connector	SO239 for PL259 male connector



RG58ALL (RA152)  
9m/30' coax cable  
+ RA132



RA132 - PL259 male  
nickel-plated connector  
twist-on



Universal mount



V9123 stainless steel  
masthead mount



V9124 stainless steel  
universal mount

V9114 (TV)  
V9126 (TV)

Supplied

Supplied

Supplied

Option

Option

Match  
appearance

## VHF ANTENNAS

RA104SS 1 m (3')

3 dB



RA104NY 1 m (3')

3 dB



RA104SS



RA104NY





RA104 is the most solid antenna available on the market thanks to a tube of double-layer fibreglass and protected by 5 layers of polyurethane paint it is resistant to UV-rays. Designed for small/medium boats, RA104 is available in a version with 2-way nylon holder (RA104NY), or in polished stainless steel (RA104SS), in the practical AUS retail pack.



RA104 est l'antenne la plus solide disponible sur le marché, grâce à son support à double-épaisseur en fibre de verre, protégé par 5 couches de vernis polyuréthane résistant aux rayons UV. Destinée à des bateaux de petites et moyennes dimensions, la RA104 est disponible dans la version avec le support bidirectionnel en nylon (RA104NY), ou en acier inoxydable poli (RA104SS), dans un emballage pratique AUS (AUS retail pack).



RA104 è l'antenna più robusta disponibile sul mercato, grazie al tubo in fibra di vetro a doppio spessore protetto con 5 strati di vernice poliuretanica resistente ai raggi UV. Destinata alle piccole/medie imbarcazioni, la RA104 è disponibile nella versione con supporto a 2 vie in nylon (RA104NY), oppure in acciaio inox lucidato (RA104SS), nel pratico imballo AUS (AUS retail pack).

## RA104



Power Boat



ANTENNA CODE  
FREQUENCY RANGE  
GAIN AVERAGE  
IMPEDANCE  
POLARIZATION  
SWR  
MAX INPUT POWER  
DC GROUND  
ANTENNA LENGHT  
ANTENNA WEIGHT  
TERMINATION

### RA104SSAUS

156/162 MHz  
3 dB  
50 ohms  
Vertical  
≤ 1,3 at 156,8 MHz  
100 W  
Yes  
1 m (3')  
430 g (15,17 oz)  
cable

### RA104NYAUS

156/162 MHz  
3 dB  
50 ohms  
Vertical  
≤ 1,3 at 156,8 MHz  
100 W  
Yes  
1 m (3')  
250 g (8,82 oz)  
cable



2 way integrated mount  
(stainless steel or nylon)



RG58ALL (RA152)  
4,5 m / 15" coax cable



RA132 - PL259 male nickel-plated  
connector twist-on



Cheaper AUS pack

Supplied

Supplied

Supplied

Supplied

## VHF ANTENNAS





## RA106 SOLDERLESS CONNECTOR

All RA106 antennas have the exclusive Glomex waterproof solderless connector.

Toutes les antennes RA106 ont l'exclusif connecteur Glomex sans soudure étanche.

Tutte le antenne RA106 sono dotate del connettore stagno senza saldatura (esclusiva Glomex).



The RA106 series antennas are reliable and solid, ideal for any type of boat, whether a sailboat or a motorboat and for tenders as well (version RIB). Glomex offers a wide range of stainless steel or fibreglass antennas. The tapered stainless steel rod can absorb extreme forces without damage, while the fibreglass option takes advantage of white polyurethane paint, assuring a total protection of the antennas' inside copper components. They are all equipped with Glomex "RA106 solderless" special connector, waterproof and solderless, easing the installation.



Les antennes de la série RA106 sont fiables et solides, idéales pour tout type de bateau, à voile et à moteur, mais aussi pour des « Zodiacs » et autres bateaux pneumatiques (version RIB). Glomex offre une vaste gamme d'antennes en acier inoxydable ou en fibre de verre. Le fouet conique en acier inoxydable peut absorber les fluctuations sans subir de dommages, alors que la fibre de verre bénéficie d'une peinture polyuréthane de couleur blanche, assurant une protection totale aux composants en cuivre situés à l'intérieur de l'antenne. Elles sont toutes équipées du connecteur spécial Glomex "RA106 solderless" étanche et sans soudure pour en faciliter l'installation.



Le antenne della serie RA106 sono affidabili e robuste, ideali per tutti i tipi d'imbarcazione a vela, a motore e per i gommoni (versioni RIB). Glomex propone una vasta gamma di antenne in acciaio inox o in fibra di vetro. Lo stilo in acciaio inox conificato può assorbire qualsiasi fluttuazione senza subire danni, mentre quello in fibra di vetro dispone di una verniciatura poliuretanica di colore bianco che assicura una protezione totale dei componenti di rame interni all'antenna. Sono tutte dotate dello speciale connettore Glomex "RA106 solderless", stagno e senza saldatura, che ne facilita l'installazione.



# RA106 ALOUD SERIES

## RA106 ALOUD SERIES

	 RG58ALL (RA152) low loss twin screen coax cable	 RA132 - PL259 male nickel-plated connector twist-on	 RA138 PVC protection	 RA140 nylon feed-thru	 RA135 mount
RA106GRPPB	Option	Supplied	Supplied	Supplied	Option
RA106SLSPB	Option	Supplied	Supplied	Supplied	Option
RA106GRPPB6135	Supplied 4,5 m (15')	Supplied	Supplied	Supplied	Supplied
RA106SLSPB6135	Supplied 4,5 m (15')	Supplied	Supplied	Supplied	Supplied
RA106GRPRIB	Supplied 4,5 m (15')	Supplied	Supplied	Supplied	Supplied
RA106SLSRIB	Supplied 4,5 m (15')	Supplied	Supplied	Supplied	Supplied
RA106GRPSB18	Supplied 18 m (59')	Supplied	Supplied	Supplied	Option
RA106SLSSB18	Supplied 18 m (59')	Supplied	Supplied	Supplied	Option
RA106GRPSB25	Supplied 25 m (82')	Supplied	Supplied	Supplied	Option
RA106SLSSB25	Supplied 25 m (82')	Supplied	Supplied	Supplied	Option
	 1"x14 RA106 adaptor	 RA106 Brack Inox	 RA106 Bracket	 RA179 Masthead wind indicator	
RA106GRPPB	Supplied	Option	Option	Option	
RA106SLSPB	Supplied	Option	Option	Option	
RA106GRPPB6135	Supplied	Option	Option	Option	
RA106SLSPB6135	Supplied	Option	Option	Option	
RA106GRPRIB	Supplied	Option	Option	Option	
RA106SLSRIB	Supplied	Option	Option	Option	
RA106GRPSB18	Option	Supplied	Option	Option	
RA106SLSSB18	Option	Supplied	Option	Option	
RA106GRPSB25	Option	Supplied	Option	Option	
RA106SLSSB25	Option	Supplied	Option	Option	

**RA106SLSPB** 900 mm (35")  
1" x 14 tpi stainless steel whip (no coax supplied)

3 dB



**RA106GRPPB** 900 mm (35")  
1" x 14 tpi, glossy fibreglass whip (no coax supplied)

3 dB



**RA106SLSPB6135** 900 mm (35")  
1" x 14 tpi, stainless steel whip 4,5 mts. (15') coax cable + 4 way nylon ratchet mount

3 dB



**RA106GRPPB6135** 900 mm (35")  
1" x 14 tpi, glossy fibreglass whip 4,5 mts. (15') coax cable + 4 way nylon ratchet mount

3 dB





RA135 mount



1"x14  
RA106 adaptor



low loss twin  
screen coax cable



## RA106 ALOUD SERIES



Power Boat

ANTENNA CODE	RA106SLSPB	RA106GRPPB	RA106SLSPB6135	RA106GRPPB6135
FREQUENCY RANGE	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz
GAIN AVERAGE	3 dB	3 dB	3 dB	3 dB
IMPEDANCE	50 ohms	50 ohms	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	100 W	100 W	100 W	100 W
DC GROUND	Yes	Yes	Yes	Yes
ANTENNA LENGHT	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")
ANTENNA WEIGHT	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)
TERMINATION	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector

RA106 ALOUD SERIES

VHF ANTENNAS



**RA106SLSRIB**

900 mm (35")

1" x 14 tpi unscrewable stainless steel whip 4,5 mts. (15')  
coax cable + 4 way nylon ratchet mount

3 dB

**RA106GRPRIB**

900 mm (35")

1" x 14 tpi, unscrewable glossy fibreglass whip 4,5 mts. (15')  
coax cable + 4 way nylon ratchet mount

3 dB





RA135 mount


1"x14  
RA106 adaptor

low loss twin  
screen coax cable

## RA106 ALOUD SERIES



Inflatable R.I.B.

RIB version best application:  
RIBS - CENTER CONSOLE FISHING  
BOATS - BASS BOATS



ANTENNA CODE  
FREQUENCY RANGE  
GAIN AVERAGE  
IMPEDANCE  
POLARIZATION  
SWR  
MAX INPUT POWER  
DC GROUND  
ANTENNA LENGHT  
ANTENNA WEIGHT  
TERMINATION

### RA106SLSRIB

156/162 MHz  
3 dB  
50 ohms  
Vertical  
1,3 at 156,8 MHz  
100 W  
Yes  
900 mm (35")  
180 g (6,35 oz)  
RA106 solderless connector

### RA106GRPRIB

156/162 MHz  
3 dB  
50 ohms  
Vertical  
1,3 at 156,8 MHz  
100 W  
Yes  
900 mm (35")  
180 g (6,35 oz)  
RA106 solderless connector

**RA106SLSB18** 900 mm (35")

Masthead stainless steel whip 18 mts. (60') coax cable - SOLDERLESS

3 dB

**RA106GRPSB18** 900 mm (35")

Masthead glossy fibreglass whip 18 mts. (60') coax cable - SOLDERLESS

3 dB

**RA106SLSB25** 900 mm (35")

Masthead stainless steel whip 25 mts. (82') coax cable - SOLDERLESS

3 dB

**RA106GRPSB25** 900 mm (35")

Masthead glossy fibreglass whip 25 mts. (82') coax cable - SOLDERLESS

3 dB



RA138 PVC protection

low loss twin screen  
coax cable

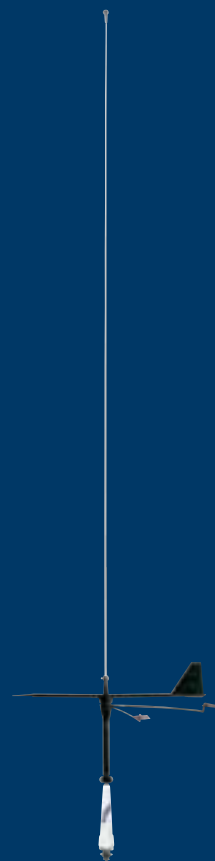
RA106 Brack Inox





**RA179 Masthead  
wind indicator (380mm)**

**OPTION**



## RA106 ALOUD SERIES



Sail Boat

ANTENNA CODE	RA106SLSSB18	RA106GRPSB18	RA106SLSSB25	RA106GRPSB25
FREQUENCY RANGE	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz
GAIN AVERAGE	3 dB	3 dB	3 dB	3 dB
IMPEDANCE	50 ohms	50 ohms	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical	Vertical	Vertical
SWR	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz
MAX INPUT POWER	100 W	100 W	100 W	100 W
DC GROUND	Yes	Yes	Yes	Yes
ANTENNA LENGHT	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")
ANTENNA WEIGHT	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)
TERMINATION	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector

**RA106 ALOUD SERIES**

**VHF ANTENNAS**



## RA109SLS 900 mm (35")

Masthead stainless steel whip SO239 termination for PL259

3 dB



## RA109GRP 900 mm (35")

Masthead glossy fibreglass whip SO239 termination for PL259

3 dB



RA106 Brack Inox



RA138 PVC protection



**RA209**  
VHF masthead  
antenna NYLON  
Insulator bracket for  
aluminium sailboats

OPTION





These are antennas expressly designed for installation on sailboats. They are available in stainless steel (RA109SLS) or fibreglass (RA109GRP) rod. Compact in size, just 900 mm (35"), they stand out for their optimum performance.



Ce sont des antennes spécialement conçues pour être installées sur les voiliers. Elles sont disponibles avec un fouet en acier inoxydable (RA109SLS) ou en fibre de verre (RA109GRP). De dimensions compactes, elles mesurent seulement 900 mm (35") et se caractérisent par leurs performances optimales.



Sono antenne appositamente progettate per l'installazione su barche a vela. Sono disponibili con stilo in acciaio inox (RA109SLS) o in fibra di vetro (RA109GRP). Compatte nelle dimensioni, appena 900 mm (35"), si contraddistinguono per le ottime performance.

## RA109 ALOUD SERIES



Sail Boat



	RA109SLS	RA109GRP
ANTENNA CODE		
FREQUENCY RANGE	156/162 MHz	156/162 MHz
GAIN AVERAGE	3 dB	3 dB
IMPEDANCE	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical
SWR	1,3 at 156,8 MHz	1,3 at 156,8 MHz
MAX INPUT POWER	100 W	100 W
DC GROUND	Yes	Yes
ANTENNA LENGHT	900 mm (35")	900 mm (35")
ANTENNA WEIGHT	180 g (6,35 oz)	180 g (6,35 oz)
TERMINATION	SO239 for PL259 male connector	SO239 for PL259 male connector



RG58ALL (RA152)  
low loss twin screen  
coax cable



RA132 - PL259 male  
nickel-plated  
connector twist-on



RA138 PVC  
protection



RA140  
nylon feed-thru



RA106 Brack Inox



RA106 Bracket



RA209 nylon  
insulator bracket for  
aluminium sailboats

Option

Supplied

Supplied

Supplied

Supplied

Option

Option

## VHF ANTENNAS

RA1112 1,5 m (5')



RA1112CR 1,5 m (5')



**SAVE MONEY**  
available on  
**AUS** pack see  
page 123



RA1112CR



RA1112





The VHF RA112 antennas represent the ideal choice for excellent performance and reduced size. Available in basic version (RA112) and in chromed bushing version, both with polyurethane tube resistant to UV-rays (RA112CR).



Les antennes VHF RA112 représentent le choix idéal pour qui recherche des résultats excellents et des dimensions réduites. Disponible dans une version de base (RA112) ou bien dans une version avec embase chromée toutes les deux avec tuyau tube en polyuréthane résistant aux rayons UV (RA112CR).



Le antenna VHF RA112 sono la scelta ideale per chi ricerca risultati eccellenti e dimensioni compatte. Disponibile in una versione base (RA112) ed in una con boccola cromata entrambi con tubo in poliuretano resistente agli UV (RA112CR).

## RA112 - RA112CR



Inflatable R.I.B.



Power Boat



ANTENNA CODE  
FREQUENCY RANGE  
GAIN AVERAGE  
IMPEDANCE  
POLARIZATION  
SWR  
MAX INPUT POWER  
DC GROUND  
ANTENNA LENGHT  
ANTENNA WEIGHT  
TERMINATION

### RA112

156/162 MHz  
3 dB  
50 ohms  
Vertical  
≤ 1,3 at 156,8 MHz  
100 W  
Yes  
1,5 m (5')  
450 g (15,90 oz)  
Cable

### RA112CR

156/162 MHz  
3 dB  
50 ohms  
Vertical  
≤ 1,3 at 156,8 MHz  
100 W  
Yes  
1,5 m (5')  
580 g (20,45 oz)  
Cable



RG58ALL (RA152)  
4,5m/15' coax cable



RA132 - PL259 male  
nickel-plated connector  
twist-on



RA135 nylon 4 way  
ratched mount



RA107SS  
electropolished  
stainless steel 4 way  
ratchet mount



Cheaper AUS pack

RA128 (AM/FM)  
RA127 (CB)

Supplied

Supplied

Option

Option

Option

Match appearance

## CLASSIC SERIES VHF ANTENNAS



RA1206NY 2,4 m (8')

6 dB



RA1206CR 2,4 m (8')

6 dB



**SAVE MONEY**  
available on  
**AUS** pack see  
page 123



RA1206CR



RA1206NY





This antenna is economical and light, its tube is double-layer painted with polished polyurethane resistant to UV-rays, containing solid brass components inside. It is available with chromed brass (RA1206 CR) or nylon (RA1206 NY) bushing.



Cette antenne est économique et légère, dotée d'un fouet à double-épaisseur laqué en polyuréthane brillant résistant aux rayons UV et contenant à l'intérieur de solides composants en laiton. Elle est disponible avec une embase en laiton chromé (RA1206 CR) ou en nylon (RA1206 NY).



È un'antenna economica e leggera, con tubo a doppio spessore laccato in poliuretano lucido resistente ai raggi U.V., che presenta solidi elementi d'ottone al suo interno. È disponibile con boccola in ottone cromato (RA1206 CR) o in nylon (RA1206 NY).

## RA1206NY - RA1206CR



Power Boat



Big Yacht

	RA1206NY	RA1206CR
ANTENNA CODE		
FREQUENCY RANGE	156/162 MHz	156/162 MHz
GAIN AVERAGE	6 dB	6 dB
IMPEDANCE	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	100 W	100 W
DC GROUND	Yes	Yes
ANTENNA LENGHT	2,4 m (8')	2,4 m (8')
ANTENNA WEIGHT	456 g (16,08 oz)	670 g (23,63 oz)
TERMINATION	Cable	Cable



RG58ALL (RA152)  
4,5m/15' coax cable



RA132 - PL259 male  
nickel-plated connector  
twist-on



RA115 nylon 4 way  
ratched mount



RA166/00 electropolished  
stainless steel 4 way  
ratchet mount



Cheaper AUS pack

RA1278 (CB)  
RA1288 (AM/FM)  
RA161 (CELL)

Supplied

Supplied

Option

Option

Option

Match appearance

## CLASSIC SERIES VHF ANTENNAS

RA1113 2,7 m (9')

6 dB



RA1113

CLOMEX





RA113 is a high performing collinear VHF antenna 2.70 m (9') in height with up to 6 dB of gain. Made of brass inner components and polyurethane finish resistant to UV-rays, assuring best performance and long life.



RA113 est une antenne VHF colinéaire aux performances élevées mesurant 2,70 m (9') de haut et pouvant atteindre 6 dB de gain. Ses composants intérieurs sont en laiton et sa finition en polyuréthane résistant aux rayons UV lui confèrent une excellente prestation et une grande longévité.



RA113 è un'antenna VHF collineare alta 2,70 m (9') con elevate performance, fino a 6 dB di guadagno. Presenta elementi interni in ottone e finiture in poliuretano resistente agli UV, che assicurano ottime prestazioni e una lunga durata.

# RA113



Power Boat



Big Yacht



## ANTENNA CODE

**RA113**

## FREQUENCY RANGE

156/162 MHz

## GAIN AVERAGE

6 dB

## IMPEDANCE

50 ohms

## POLARIZATION

Vertical

## SWR

≤ 1,3 at 156,8 MHz

## MAX INPUT POWER

100 W

## DC GROUND

Yes

## ANTENNA LENGHT

2,7 m (9')

## ANTENNA WEIGHT

960 g (33,90 oz)

## TERMINATION

Cable



RG58ALL (RA152)  
6m/20' coax cable



RA132SOLDERLESS - PL259  
male gold-plated connector  
solderless



RA107SS electropolished  
stainless steel 4 way ratchet  
mount



RA166/00 electropolished  
stainless steel 4 way ratchet  
mount



RA116SS electropolished  
stainless steel 4 way ratchet  
mount

Supplied

Supplied

Option

Option

Option

## CLASSIC SERIES VHF ANTENNAS



9 dB

RA500 6,40 mts (21'4")





The RA500 is a standard of excellence for professional communications. It is a col-linear antenna with 2 wave phases that consists of 2 vertically aligned sections with 9 dB of gain and 6.4 m (21') in height.



Cette antenne est une référence d'excellence pour les communications professionnelles. Il s'agit d'une antenne colinéaire avec 2 phases d'onde, c'est-à-dire, se composant de 2 sections verticalement alignées, avec 9 dB de gain et une hauteur de 6,4 m (21').



È uno standard di eccellenza nelle comunicazioni professionali. È un'antenna col-lineare a 2 fasi d'onda, ovvero, formata da 2 sezioni allineate verticalmente, con 9 dB di guadagno e 6,4 m (21') di altezza.

## RA500



Power Boat



Big Yacht



ANTENNA CODE	<b>RA500</b>
FREQUENCY RANGE	156/162 MHz
GAIN AVERAGE	9 dB
IMPEDANCE	50 ohms
POLARIZATION	Vertical
SWR	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	100 W
DC GROUND	Yes
ANTENNA LENGHT	6,4 m (21') - two pieces (4 + 2,4 m)
ANTENNA WEIGHT	2,95 Kg (6,50 lb)
TERMINATION	Cable



RG58ALL (RA152)  
6m/20' coax cable



RA132SOLDERLESS - PL259  
male gold-plated connector  
solderless



RA116SS electropolished  
stainless steel 4 way ratchet  
mount



RA116RFC inside reinforcement  
plate for RA116SS (fiberglass  
boats)



RA119 nylon stand-off  
bracket

Supplied

Supplied

Option

Option

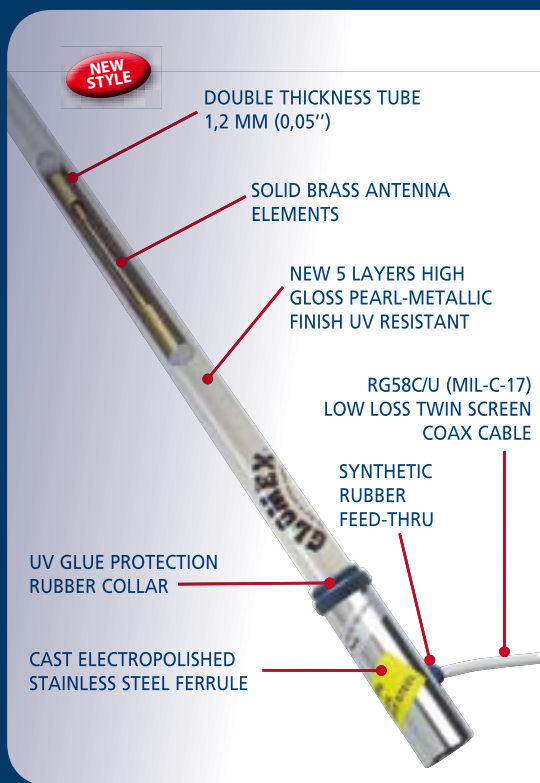
Option

## SUPERGAIN SERIES VHF ANTENNAS

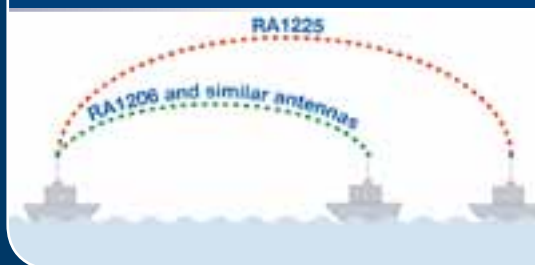
6 dB

NEW  
STYLE

RA1225 2,4 m (8')



## TYPICAL RANGE





RA1225 is a collinear antenna 2.40 m (8') in height, designed to assure excellent performance in terms of quality, operation and design. Compared to the traditional antennas, whilst similar in shape, this antenna deeply differentiates itself due to the inside finish and the rod features. Made of spiral copper wires inserted in brass tubes, this antenna assures a long-range communication and best radio performance. The tube is made of fibreglass with polished polyurethane finish and resistant to UV-rays and is reinforced by a double-layer (1,2 mm/0,05') RA1225 is a vertical polarization antenna minimizing the effect of reflection on flat surfaces.



RA1225 est une antenne colinéaire de 2,40 m (8') de haut, conçue pour garantir d'excellentes performances en termes de qualité, de fonctionnalité et de design. Par rapport aux antennes traditionnelles, dont elle ne conserve que l'apparence, cette antenne se différencie par ses finitions intérieures et par les caractéristiques de son fouet. Fabriquée en fils de cuivre en spirale insérés dans des tubes en laiton, cette antenne assure une communication de longue portée et une très bonne réception radio. Le tube en fibres de verre avec finition en polyuréthane brillant résistant aux rayons UV, est renforcé par un tube à double-épaisseur (1,2 mm/0,05') qui en renforce la structure. RA1225 est une antenne à polarisation verticale qui minimise les effets de réflexion sur des surfaces planes.



RA1225 è un'antenna collineare alta 2.40 m (8'), progettata per garantire performances eccellenti in termini di qualità, funzionalità e design. Rispetto alle antenne tradizionali, delle quali mantiene solo l'apparenza, si differenzia profondamente per le finiture interne e le caratteristiche dello stilo. Costruita con fili di rame spiralato inseriti in tubi d'ottone, assicura una comunicazione a lungo raggio e prestazioni ottimali delle radio. Il tubo, realizzato in fibra di vetro con finiture in poliuretano lucido resistente ai raggi U.V., presenta un tubo a doppio spessore (1,2 mm/0,05') che ne rinforza la struttura. RA1225 è un'antenna a polarizzazione verticale che minimizza gli effetti di riflessione sulle superfici piane.

## RA1225



Power Boat



Big Yacht



ANTENNA CODE	<b>RA1225</b>
FREQUENCY RANGE	156/162 MHz
GAIN AVERAGE	6 dB
IMPEDANCE	50 ohms
POLARIZATION	Vertical
SWR	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	100 W
DC GROUND	Yes
ANTENNA LENGHT	2,4 m (8')
ANTENNA WEIGHT	742 g (26,17 oz)
TERMINATION	Cable



RG58ALL (RA152)  
6m/20' coax cable



RA132SOLDERLESS  
PL259 male gold-plated  
connector solderless



RA107SS electropolished  
stainless steel 4 way  
ratchet mount



RA166/00 electropolished  
stainless steel 4 way  
ratchet mount



RA116SS electropolished  
stainless steel 4 way  
ratchet mount

RA1278 (CB)  
RA1288 (AM/FM)  
RA161 (CELL)

Supplied

Supplied

Option

Option

Option

Match appearance

## SUPERGAIN SERIES VHF ANTENNAS



RA2022/18AUS 1,5 m (5')



RA2022/25AUS 1,5 m (5')





**SAVE MONEY**  
available on  
**AUS** pack see  
page 123




RA106  
BRACKINOX-L



 RA2022/18AUS and RA2022/25AUS are VHF fibreglass antennas for installation on the masthead. They differ in the length of the double-shielded coaxial cable available, respectively 18m (59') and 25 m (82').

 RA2022/18AUS et RA2022/25AUS sont des antennes VHF en fibre de verre pour une installation en haut de mât. Elles se différencient par la longueur du câble coaxial à double blindage fourni, respectivement de 18 m (59') et 25 m (82') de long.

 RA2022/18AUS e RA2022/25AUS sono antenne VHF in fibra di vetro per l'installazione in testa d'albero. Si differenziano per la lunghezza del cavo coassiale a doppia schermatura in dotazione, rispettivamente di 18m (59') e 25 m (82').



# RA2022/18AUS RA2022/25AUS



Sail Boat

	RA2022/18AUS	RA2022/25AUS
ANTENNA CODE		
FREQUENCY RANGE	156/162 MHz	156/162 MHz
GAIN AVERAGE	3 dB	3 dB
IMPEDANCE	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	50 W	50 W
DC GROUND	Yes	Yes
ANTENNA LENGTH	1,5 m (5')	1,5 m (5')
ANTENNA WEIGHT	400 g (14,10 oz)	400 g (14,10 oz)
TERMINATION	Cable	Cable



	 RG58ALL (RA152) coax cable	 RA132 - PL259 male nickel-plated connector twist-on for RG58	 RA106 Brack Inox - L	 Cheaper AUS pack	Match appearance
RA2022/18AUS	Supplied 18 m (60')	Supplied	Supplied	Supplied	RA128/18-25 (AM/FM)
RA2022/25AUS	Supplied 25 m (82')	Supplied	Supplied	Supplied	RA128/18-25 (AM/FM)

## MASTHEAD VHF ANTENNAS

**RA114** 350 mm (14")





**RA111** 140 mm (5")


1 dB




## RA111


 RA111 is a small VHF antenna (140mm/5"), protected by a tapered synthetic rubber tube that can be installed, on the sailboats or motorboats. It is equipped with 18m (59') of coaxial cable and with a PL259 male connector.


 RA111 est une petite antenne VHF (140 mm/5"), protégée par un tube conique en caoutchouc synthétique, qui peut être installée sans distinction sur des bateaux à voiles ou à moteur. Elle est dotée d'un câble coaxial de 18 m (59') et d'un connecteur mâle PL259.

 RA111 è una piccola antenna VHF (140mm/5") protetta da un tubo conico di gomma sintetica che può essere installata, indistintamente, sulle barche a vela e a motore. È dotata di 18 m (59') di cavo coassiale e connettore maschio PL259.

## RA114

 RA114 is an emergency antenna, to be used in case the main antenna is broken or temporarily idle. This small antenna, only 350mm (14") high, is equipped with 9m (30') of coaxial cable and PL259 male connector.

 RA114 est une antenne de secours, à utiliser en cas de casse ou dysfonctionnement temporaire de l'antenne principale. Cette petite antenne, d'à peine 350 mm de haut, est dotée de 9 m (30') de câble coaxial et d'un connecteur mâle PL259.

 RA114 è un'antenna d'emergenza da utilizzare in caso di rottura o temporanea inattività dell'antenna principale. Questa piccola antenna, alta appena 350 mm (14"), è dotata di 9 m (30') di cavo coassiale e connettore maschio PL259.

# RA111 - RA114



Inflatable R.I.B.



Sail Boat



Power Boat



ANTENNA CODE	RA111	RA114
FREQUENCY RANGE	156/162 MHz	156/162 MHz
GAIN AVERAGE	1 dB	1 dB
IMPEDANCE	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	50 W	50 W
DC GROUND	No	No
ANTENNA LENGHT	140 mm (5")	350 mm (14")
ANTENNA WEIGHT	220 g (7,76 oz)	900 g (31,74 oz)
TERMINATION	SO239 for PL259 male connector	Cable + PL259 male nickel-plated connector twist-on (RA132)



RG58ALL (RA152)  
low loss twin screen coax cable



RA132 - PL259 male  
nickel-plated connector twist-on

Quick  
installation kit

Match appearance

RA111	Supplied 18 m (59') + RA132	Supplied	Unsupported	RA111 (AIS)
RA114	Supplied 9 m (30') + RA132	Supplied	Supplied	Unsupported



3 dB

RA2025 1 m (3')



Suitable for any type of boat, the new RA2025 antenna from the "MULTIPURPOSE" series, ensures the best of Glomex technology:

- Easy installation under any condition, thanks to the included V9181 mount, and the accessories 1"x14 ADAPTOR and V9179 KIT (optional);
- Quick connection thanks to standard ending SO239 for PL259 connectors;
- Tube of double-layer fibreglass, protected by 5 layers of polyurethane paint, resistant to UV-rays;
- Middle-wave internal element ensuring the best possible communication with a wide irradiation lobe on the horizontal plan.



Approprié à tout type de bateau, la nouvelle antenne RA2025 de la série "MULTIPURPOSE", vous assure le meilleur de la technologie Glomex :

- facile à installer en toutes conditions, grâce au support V9181 inclus, et aux accessoires 1"x14 ADAPTOR et au KIT V9179 (en option) ;
- raccordement rapide grâce à l'extrémité standard SO239 pour connecteurs PL259 ;
- fouet en fibre de verre à double-épaisseur, protégé par 5 couches de peinture polyuréthane, résistant aux rayons UV ;
- élément interne d'antenne à demi-onde assurant la meilleure communication possible avec un large lobe d'irradiation sur le plan horizontal.



Adatta ad ogni tipo di imbarcazione, la nuova antenna RA2025 della serie "MULTIPURPOSE" garantisce il meglio della tecnologia Glomex:

- facilità d'installazione in qualsiasi condizione grazie al supporto V9181 incluso, e agli accessori 1"x14 ADAPTOR e V9179 KIT (opzionali);
- connessione rapida grazie alla terminazione standard SO239 per connettori PL259;
- tubo in fibra di vetro a doppio spessore protetto con 5 strati di vernice poliuretanica resistente agli U.V.;
- elemento interno d'antenna a ½ onda che assicura la miglior comunicazione possibile con un esteso lobo di irradiazione sul piano orizzontale.



RA131



V9181



V9181



# RA2025



Sail Boat



Power Boat



Big Yacht



Commercial Ship



## ANTENNA CODE

## FREQUENCY RANGE

## GAIN AVERAGE

## IMPEDANCE

## POLARIZATION

## SWR

## MAX INPUT POWER

## DC GROUND

## ANTENNA LENGHT

## ANTENNA WEIGHT

## TERMINATION

## RA2025

156/162 MHz

3 dB

50 ohms

Vertical

≤ 1,3 at 156,8 MHz

100 W

Yes

1 m (3')

150 g (5,29 oz)

SO239 for PL259 male connector



V9181 electropolished mounting bracket

Supplied



RA138 PVC protection

Supplied



RA131 - PL259 male nickel-plated connector twist-on for RG213

Supplied



RG58ALL (RA152) low loss twin screen coax cable

Option



RG213/U (RA118) low loss twin screen coax cable

Option



RA132 - PL259 male nickel-plated connector twist-on for RG58

Option



1"x14 adaptor

Option





V9179 KIT (V9178 + 1"x14 RA106 adaptor)


Option

## MULTIPURPOSE VHF ANTENNAS



 The Automatic Identification System (AIS) is a monitoring system of naval traffic, useful for navigation safety with difficult meteorological conditions (fog or nocturnal navigation.) The AIS system operates on 2 expressly dedicated VHF channels (161.975 and 162.025 MHz) and allows the user to receive real time information about the traffic in the surrounding area. Glomex has planned and produced a range of calibrated antennas exactly for the specific VHF frequencies and for the AIS standards.

 L'Automatic Identification System (AIS) est un système de surveillance du trafic naval, utile pour la sécurité de la navigation dans des conditions météorologiques difficiles (brouillard ou navigation nocturne). Le système AIS fonctionne sur 2 canaux VHF dédiés (161.975 et 162.025 MHz) et permet de recevoir des informations sur le trafic alentour en temps réel. Glomex a conçu et réalisé une gamme d'antennes calibrées exactement pour les fréquences spécifiques de VHF et pour les normes AIS.

 L'Automatic Identification System (AIS) è un sistema di monitoraggio del traffico navale, utile per la sicurezza della navigazione in condizioni meteorologiche difficili (nebbia o navigazione notturna). Il sistema AIS funziona su 2 canali VHF appositamente dedicati (il 161,975 Mhz e il 162,025 Mhz) e consente di ricevere informazioni in tempo reale sul traffico nell'area circostante. Glomex ha progettato e realizzato una gamma di antenne calibrate esattamente per le frequenze VHF specifiche per gli standard AIS.



ANTENNA CODE	RA111AIS	RA110AIS
FREQUENCY RANGE	161,975 - 162,025 MHz	161,975 - 162,025 MHz
POLARIZATION	Vertical	Vertical
IMPEDANCE	50 ohms	50 ohms
SWR	≤ 1,2 at 162 MHz	≤ 1,2 at 162 MHz
MAX INPUT POWER	50 W	50 W
GAIN AVERAGE	1 dB	3 dB
DC GROUND	No	No
ANTENNA LENGHT	140 mm (5")	1 m (3')
ANTENNA WEIGHT	220 g (7,76 oz)	536 g (18,90 oz)
TERMINATION	SO239 for PL259 male connector	SO239 for PL259 male connector



**RA 110AIS TX + RX** 1 m (3')

3 dB



**RA 111AIS TX + RX** 140 mm (5")

1 dB




\* see specification  
page 73


RA110AIS  
TX + RX


RA132  
(option)




## RA110AIS TX + RX


 The RA110AIS will receive signals on AIS frequencies very efficiently even when the antenna, because of the boat rolling and pitching, is not perfectly vertical. The polished polyurethane paint and the waterproof connector will allow this antenna to maintain an excellent performance for many years.


 La RA110AIS permet une réception efficace des signaux sur les fréquences AIS, même lorsque l'antenne, n'est pas parfaitement verticale à cause du roulis et du tangage du bateau. Le vernis en polyuréthane brillant et le connecteur étanche permettent à l'antenne de garder des performances élevées dans le temps.

 La RA110AIS consente di ricevere efficacemente il segnale sulle frequenze AIS anche quando l'antenna, a causa dei movimenti di rollio e beccheggio dell'imbarcazione, non è perfettamente in posizione verticale. La verniciatura in poliuretano lucido e il connettore stagno consentono all'antenna di mantenere prestazioni elevate nel tempo.

## RA111AIS TX + RX

 The RA111AIS antenna is protected by a tapered synthetic rubber tube and can be installed, on either sailboats or motorboats. Thanks to the V9181 support supplied, the RA111AIS can be installed in a vertical or horizontal position, on the mast or on the pulpit.

 L'antenne RA111AIS est protégée par un tube conique en caoutchouc synthétique et peut être installée aussi bien sur les bateaux à voiles que sur les bateaux à moteur. Grâce au support V9181 fourni, la RA111AIS peut être installée en position verticale ou horizontale, sur le mât ou sur le pont.

 L'antenna RA111AIS è protetta da un tubo conico di gomma sintetica e può essere installata, indistintamente, sulle barche a vela e a motore. Grazie al supporto V9181 fornito, infatti, La RA111AIS può essere installata in posizione verticale od orizzontale, sull'albero o sul pulpito.


# RA110AIS RA111AIS





	 RG58ALL (RA152) low loss twin screen coax cable	 RA155 - BNC female to TNC male adaptor	 V9181 electropolished mounting bracket	 RA138 PVC protection	 1"x14 adaptor	
RA110AIS	Option	Unsupported	Unsupported	Unsupported	Supplied	
RA111AIS	Supplied 9 m (30') + BNC male	Supplied	Supplied	Supplied	Unsupported	
	 RA201 splitter VHF antenna to AM/FM radio + AIS receiver only	 V9171 electropolished stainless steel pipe mounting bracket	 V9173 electropolished stainless steel masthead bracket	 V9174 electropolished stainless steel universal mount	 V9176 electropolished masthead L bracket	Match appearance
RA110AIS	Option	Option	Option	Option	Option	RA110 (VHF)
RA111AIS	Option	Unsupported	Unsupported	Unsupported	Unsupported	RA111 (VHF)

## AIS ANTENNAS



 Transmission in single sideband (SSB) offers two great advantages to the yachtsmen in terms of safety and energy consumption. Firstly, it allows access to a series of useful information for navigation, transmitted by military and civil stations all over the world. Secondly, transmission in single sideband (SSB) optimises the power of the sender and therefore reduces the waste of valuable energy resources.

 La transmission sur bande latérale unique (BLU) offre deux grands avantages aux plaisanciers en ce qui concerne la sécurité et la consommation énergétique. En premier lieu, elle permet l'accès à une série d'informations utiles pour la navigation, transmises par les stations militaires et civiles dans le monde entier. De plus, la BLU optimise la puissance du transmetteur et réduit la consommation énergétique.

 La trasmissione in banda laterale unica, SSB, offre due grandi vantaggi ai diportisti in termini di sicurezza e consumi energetici. Innanzitutto, permette di avere accesso ad una serie di informazioni utili alla navigazione, trasmesse dalle stazioni militari e civili sparse in tutto il mondo. Inoltre, la trasmissione in banda laterale unica, SSB, permette di ottimizzare la potenza del trasmettitore e ridurre l'impiego di risorse energetiche.



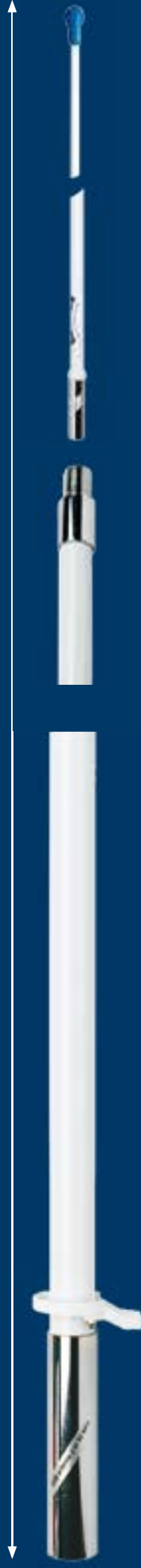
ANTENNA CODE	RA600	RA700
FREQUENCY RANGE	2 - 30 MHz with tuners	2 - 30 MHz with tuners
POLARIZATION	-	-
IMPEDANCE	N.A.	N.A.
SWR	-	-
MAX INPUT POWER	400 W	800 W
GAIN AVERAGE	N.A.	N.A.
DC GROUND	-	-
ANTENNA LENGHT	7 m (23') - two pieces (4 + 3 m)	7 m (23') - two pieces (4 + 3 m)
ANTENNA WEIGHT	2,16 kg (4,76 lb)	2,514 kg (5,54 lb)
TERMINATION	side feed termination bolt	central feed



RA600 7 mt (23')



RA700 7 mt (23')




\* see specification  
page 77





RA126




## RA600


 RA600 is a 7m (23') SSB marine antenna and is completely insulated. It consists of 2 parts (4+3m) and is finished with a highly resistant polyurethane paint. This antenna has been designed and manufactured to guarantee great performance and for its installation we suggest the use of the 4-way stainless steel support RA116SS (optional).


 La RA600 est une antenne marine BLU de 7 m (23') de haut, complètement isolée, se composant de 2 modules (4+3 m), avec vernis externe en polyuréthane hautement résistant aux intempéries. Cette antenne a été conçue pour assurer des performances élevées. Pour son installation, nous conseillons l'utilisation d'un support en acier inoxydable à double fixation RA116SS (en option).

 RA600 è un'antenna marina SSB alta 7 m (23') completamente isolata, composta da 2 moduli (4+3), con verniciatura esterna in poliuretano altamente resistente agli agenti esterni. Questa antenna è stata progettata per garantire prestazioni elevate, per la sua installazione si consiglia l'utilizzo del supporto in acciaio inox a doppio snodo RA116SS (opzionale).

## RA700

 RA700 is a 7m (23') SSB marine antenna and is completely insulated. It consists of 2 parts (4+3m) and is finished with a highly resistant polyurethane paint. For the best installation, we suggest use of the jointed support, RA126, together with the intermediate support RA119 both of which are optional.

 RA700 est une antenne marine BLU de 7 m (23') de haut, complètement isolée, se composant de 2 modules (4+3m), avec vernis externe en polyuréthane hautement résistant aux intempéries. Pour une installation optimale, il est conseillé d'utiliser un support rotatif RA126 (en option) avec sortie centrale, et un support intermédiaire RA119 (en option).

 RA700 è un'antenna marina SSB alta 7 m (23') completamente isolata, composta da 2 moduli (4+3), con verniciatura esterna in poliuretano altamente resistente agli agenti esterni. Per una corretta installazione, è consigliato l'utilizzo del supporto snodabile RA126 (opzionale) con uscita centrale, e del supporto intermedio RA119 (opzionale).

# RA600 - RA700



Sail Boat



Power Boat



Big Yacht



Commercial Ship



**RA176\*** electropolished stainless steel 4 way free swivel mount



RA126 thru-deck swivel mount and insulator



RA119 stand-off reinforced nylon bracket



RA116SS electropolished stainless steel 4 way ratchet mount




RA116RFC inside reinforcement plate for RA116SS and RA819 in fiberglass boats


RA600	Option	Option	Option	Option	Option
RA700	Option	Option	Option	Unsupported	Unsupported


(\*) RA176 must be coupled with RA119

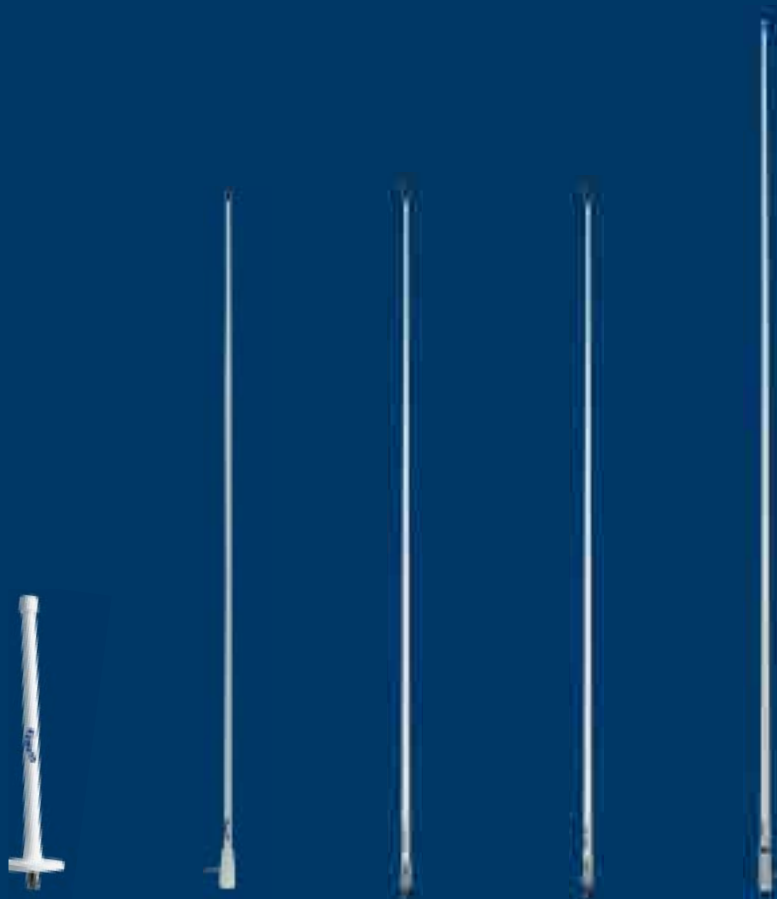
## SSB ANTENNAS



 The AM / FM is a common VHF transmission mode. AM/FM bands are less prone to disturbances and interferences assuring a clear transmission and reception of signals. AM/FM antennas are often used to listen to radio stations also during navigation.

 Le mode de transmission AM-FM est utilisée pour la VHF. Les bandes AM/FM ne sont pas gênées par les perturbations et les interférences, assurant une transmission et une réception claires des signaux. Les antennes AM/FM sont souvent employées pour écouter les stations radio même pendant la navigation.

 Quella in AM/FM è una modalità di trasmissione diffusa nel VHF. Le bande AM/FM infatti sono piuttosto immuni a disturbi e interferenze, garantendo una trasmissione e una ricezione chiara dei segnali. Le antenne AM/FM sono spesso utilizzate per ascoltare le stazioni radiofoniche anche in navigazione.



ANTENNA CODE	RA1281	RA128	RA128/18	RA128/25	RA1288
FREQUENCY RANGE	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz
POLARIZATION	-	-	-	-	-
IMPEDANCE	93 ohms	93 ohms	93 ohms	93 ohms	93 ohms
SWR	-	-	-	-	-
MAX INPUT POWER	-	-	-	-	-
GAIN AVERAGE	-	-	-	-	-
DC GROUND	-	-	-	-	-
ANTENNA LENGHT	300 mm (12")	1,5 m (5')	1,5 m (5')	1,5 m (5')	2,4 m (8')
ANTENNA WEIGHT	267 g (9,42 oz)	490 g (17,28 g)	400 g (14,10 oz)	400 g (14,10 oz)	600 g (21,16 oz)
TERMINATION	Motorola plug	Motorola plug	Motorola plug	Motorola plug	Motorola plug



RA128 1,5 m (5')




RA128/18 - RA128/25 1,5 m (5')





\* see specification  
page 81




## RA128


 The RA128 is a 1.5m (5') AM-FM antenna aimed for installation on motorboats and small yachts. Its shape is identical to that of the RA112 (VHF) and RA127 (CB) antennas for a balanced look of your boat.


 La RA128 est une antenne AM-FM d'une hauteur de 1,5 m (5'), destinée à être installée sur des bateaux à moteur et sur de petits yachts. Sa forme est identique à celle des antennes RA112 (VHF) et RA127 (CB) pour conserver un aspect équilibré à votre bateau.

 RA128 è un'antenna AM-FM alta 1,5 m (5') destinata all'installazione su barche a motore e piccoli yacht. È identica per aspetto alle antenne RA112 (VHF) e RA127 (CB), per un look bilanciato sull'imbarcazione.

## RA128/18 - RA128/25

 It's a 1.5 m (5') AM-FM antenna. RA128/18 and RA128/25 are aimed for installation on sailboats and include the RA106 Masthead bracket. RA128/18 is equipped with 18m (59') of coaxial cable and RA128/25 with 25m (82'). They are identical to the RA2022/18 and RA2022/25 (VHF) antennas for a balanced look of your boat.

 Est une antenne AM-FM de 1,5 m (5') de haut, destinée aux voiliers, grâce à son support en acier inoxydable RA106 brack (fourni). La RA128/18 est fournie avec 18 m de câble coaxial et la RA128/25 avec 25 m de câble. Elles sont esthétiquement identiques aux antennes RA2022/18 et RA2022/25 (VHF), pour conserver un aspect équilibré à votre bateau.

 È un'antenna AM-FM alta 1,5 m (5') destinata all'installazione su barche a vela, grazie alla fornitura del pratico supporto RA106 brack inox (fornito di serie). La RA128/18 è fornita con 18 m (59') di cavo coassiale e la RA128/25 con 25 m (82'). Sono identiche per aspetto alle antenne RA2022/18 e RA2022/25 (VHF), per un look bilanciato sull'imbarcazione.

# RA128 RA128/18 - RA128/25



	RA128 Power Boat		RA128/18 RA128/25 Sail Boat		
	 RG62 twin screen low loss coax cable	 RA106 Brack Inox - L	 RA201 splitter VHF antenna to AM/ FM radio + AIS receiver only	 RA135 nylon 4 way ratched mount	
RA128	<b>Supplied</b> 6 m (20') + Motorola plug	Unsupported	Option	Option	
RA128/18	<b>Supplied</b> 18 m (59') + Motorola plug	<b>Supplied</b>	Option	Unsupported	
RA128/25	<b>Supplied</b> 25 m (82') + Motorola plug	<b>Supplied</b>	Option	Unsupported	
	 Cheaper AUS pack	 V9149 2 way radio cable	 CE1262 AM/FM radio extension cable 3,6m (12")	 CE1262/10 AM/FM radio extension cable 10m (33')	Match appearance
RA128	Option	Option	Option	Option	RA112 (VHF) - RA127 (CB)
RA128/18	Unsupported	Option	Option	Option	RA2022/18-25 (VHF)
RA128/25	Unsupported	Option	Option	Option	RA2022/18-25 (VHF)

## AM/FM ANTENNAS

RA1281 300 mm (12")



RA1288 2.4 m (8')





\* see specification  
page 81


RA1288



## RA1288

 The RA1288 is a 2,4m (8') AM-FM antenna aimed for installation on motorboats and large yachts. The shape is identical to that of RA1206CR (VHF), RA1278 (CB) and RA161 (mobile phone) antennas to assure a balanced look of your boat.

 La RA1288 est une antenne AM-FM de 2,4 m (8') de haut, destinée à une installation sur des bateaux à moteur et sur de grands yachts. Sa forme est identique à celle des antennes RA1206CR (VHF), RA1278 (CB) et RA161 (téléphone mobile), pour assurer un aspect équilibré à votre bateau.

 RA1288 è un'antenna AM-FM alta 2,4 m (8'), destinata all'installazione su barche a motore e grandi yacht. È identica per aspetto alle antenne RA1206CR (VHF), RA1278 (CB) e RA161 (telefono cellulare), per un look bilanciato sull'imbarcazione.

## RA1281

 RA1281 is a very solid AM-FM antenna, made of UV resistant synthetic rubber, and is 300mm (12") high.

 La RA1281 est une antenne AM-FM très solide en caoutchouc synthétique incassable et qui ne jaunit pas, mesurant 300 mm de haut.

 RA1281 è un'antenna AM-FM molto solida, costruita in gomma sintetica anti-ingiallimento e antirottura, alta appena 300 mm (12").



# RA1281 - RA1288

RA1281



Power Boat








RA1288



Power Boat



Big Yacht

	 RG62 twin screen low loss coax cable	 RA201 splitter VHF antenna to AM/FM radio + AIS receiver only	 RA166/00 electropolished stainless steel 4 way ratchet mount	 Cheaper AUS pack
RA1281	<b>Supplied</b> 3 m (10')+Motorola plug	Option	Unsupported	Unsupported
RA1288	<b>Supplied</b> 6 m (20')+Motorola plug	Option	Option	Option
	 V9149 2 way radio cable	 CE1262 AM/FM radio extension cable 3,6m (12")	 CE1262/10 AM/FM radio extension cable 10m (32,8')	Match appearance
RA1281	Option	Option	Option	Unsupported
RA1288	Option	Option	Option	RA1206 (VHF) RA1278 (CB) RA161 (CELL)


## AM/FM ANTENNAS






## RA201 SPLITTER

### RA201 SPLITTER

 This is the ideal solution for a quick installation of the AIS receiver by taking advantage of the VHF antenna on board. With the RA201 divider, it is in fact possible to switch off the VHF sender and to split the signal received by the VHF antenna between the AM/FM radio and the AIS receiver.

 C'est la solution idéale pour une installation rapide du récepteur AIS, en se servant de l'antenne VHF de bord. Le duplexeur RA201, permet de couper le transmetteur VHF et de répartir le signal reçu par l'antenne VHF entre la radio AM/FM et le récepteur AIS.

 È la soluzione ideale per una rapida installazione del ricevitore AIS, sfruttando l'antenna VHF esistente a bordo. Con il divisore RA201, infatti, è possibile spegnere il trasmettitore VHF e ripartire il segnale ricevuto dall'antenna VHF tra la radio AM/FM e il ricevitore AIS.



Sail Boat



Power Boat

# PROFESSIONAL ANTENNAS



The Glomex antennas in the "Professional" range are the ideal solution for an intensive and continuous use, thanks to high-quality construction materials and a very strong structure: double-layer fibreglass tubes, protected by 5 layers of polyurethane paint, resistant to UV-rays, reinforced corrosion-resistant ferrules, first-choice internal elements and coaxial cables.

Tested at sea all over the world on board the Glomex mobile laboratory boat "Test Lab", they guarantee great and constant performance even under extreme navigation conditions.



Les antennes Glomex dans la gamme "Professional" sont la solution idéale pour une utilisation intensive et continue, grâce aux matériaux de construction de haute qualité et à une structure très solide : foudres en fibre de verre à double épaisseur, protégés par 5 couches de peinture polyuréthane, résistant aux rayons UV, douilles renforcées résistant à la corrosion, éléments internes et câbles coaxiaux de premier choix.

Testé en mer dans le monde entier à bord du bateau-laboratoire mobile Glomex "Test Lab", elles garantissent des performances élevées et constantes, même dans des conditions de navigation extrêmes.



Le antenne Glomex della gamma "Professional" sono ideali per un uso intensivo e continuativo, grazie a materiali costruttivi di altissima qualità e ad una struttura estremamente robusta: tubi in fibra di vetro a doppio spessore protetti con 5 strati di vernice poliuretanica resistente ai raggi UV, boccole rinforzate e resistenti alla corrosione, elementi interni e cavi coassiali di primissima scelta.

Testate nei mari di tutto il mondo a bordo dell'imbarcazione laboratorio mobile Glomex "Test Lab", garantiscono prestazioni elevate e costanti anche in condizioni estreme di navigazione.

VHF Professional ..... 90

SSB Professional ..... 96



## ANTENNA CODE

RA108

RA110

RA800

RA820

## FREQUENCY RANGE

156/162 MHz

156/162 MHz

156/162 MHz

156/162 MHz

## POLARIZATION

3 dB

3 dB

9 dB

9 dB

## IMPEDANCE

50 ohms

50 ohms

50 ohms

50 ohms

## SWR

Vertical

Vertical

Vertical

Vertical

## MAX INPUT POWER

≤ 1,3 at 156,8 MHz

≤ 1,3 at 156,8 MHz

≤ 1,3 at 156,8 MHz

≤ 1,3 at 156,8 MHz

## GAIN AVERAGE

100 W

100 W

100 W

100 W

## DC GROUND

Yes

Yes

Yes

Yes

## ANTENNA LENGHT

1,2 m (4')

1 m (3')

7 m (23') - two pieces  
(4 + 3 m)

7 m (23') - two pieces  
(4 + 3 m)

## ANTENNA WEIGHT

770 g (27,16 oz)

536 g (18,90 oz)

8,45 Kg (18,63 lb)

9,1 Kg 20,06 lb)

## TERMINATION

SO239 for PL259 male  
connector

N female for N male  
connector

Cable

Cable



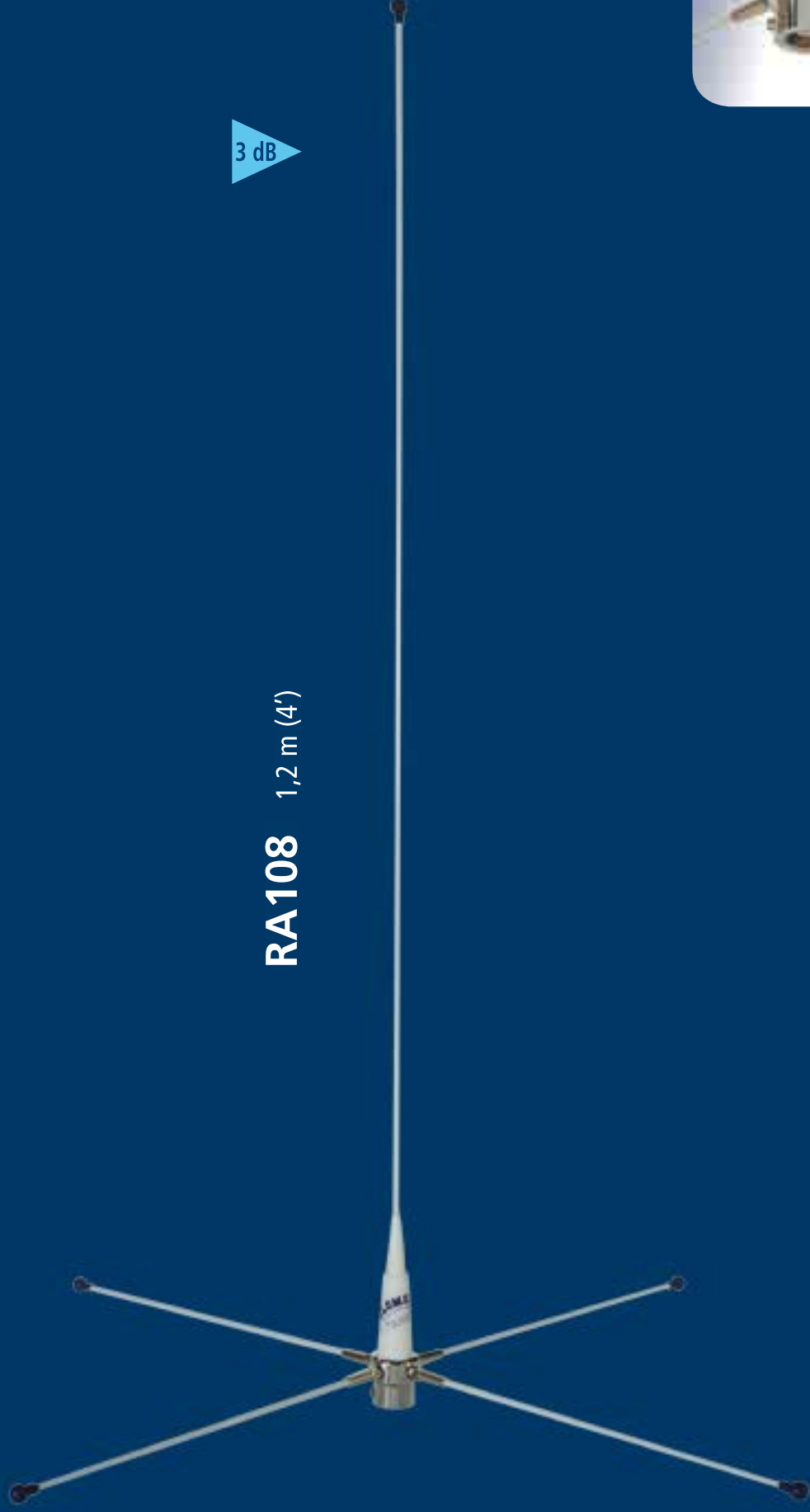
# SSB PROFESSIONAL

ANTENNA CODE	RA703	RA704	RA900	RA920
FREQUENCY RANGE	2 – 30 MHz with tuners	2 – 30 MHz with toner	2 - 30 MHz	2 - 30 MHz
POLARIZATION	-	-	-	-
IMPEDANCE	N.A.	N.A.	N.A.	N.A.
SWR	-	-	-	-
MAX INPUT POWER	800W	800W	800 W	800 W
GAIN AVERAGE	N.A.	N.A.	-	-
DC GROUND	-	-	-	-
ANTENNA LENGHT	7 m (23') – three pieces (2,35 + 2,35 + 2,30 m)	7 m (23') – three pieces (2,35 + 2,35 + 2,30 m)	7 m (23') - two pieces (4 + 3 m)	7 m (23') - two pieces (4 + 3 m)
ANTENNA WEIGHT	2,465 kg (5,4 lb)	2,390 kg (5,27 lb)	10 kg (22,04 lb)	10 kg (22,04 lb)
TERMINATION	side feed termination bolt	side feed termination bolt	side feed termination bolt	self-supporting mount



RA108 1,2 m (4')

3 dB





The RA108 is a VHF antenna chosen by the professional sailors, from cargo ships to the terrestrial stations. The main and the 4 radial antennas allow clear communication even with very serious rolling and pitching conditions. The bushing of compressed nylon and the polished polyurethane paint of the support and of the 4 radials make the antenna watertight.



La RA108 est une antenne VHF choisie par les professionnels de la mer : les bateaux de commerce, les capitaineries..... L'antenne principale et ses brins horizontaux, permettent une communication claire même en cas de roulis important ou de fort tangage. L'embase en nylon injecté et le vernis en polyuréthane brillant du fouet et des 4 brins horizontaux rendent l'antenne étanche ce qui lui assure une grande longévité.



RA108 è l'antenna VHF scelta dai professionisti del mare: dalle navi commerciali alle stazioni di terra. L'antenna principale e i 4 radiali consentono di comunicare chiaramente anche in condizioni di rollio e beccheggio molto forti. La boccia in nylon costampato e la copertura in poliuretano lucido dello stilo e dei 4 radiali rendono l'antenna stagna nel tempo.

## RA108



Sail Boat



Power Boat



Big Yacht



Commercial Ship



RG213/U (RA118) low loss twin screen coax cable

Option



RA131 - PL259 male nickel-plated connector twist-on for RG213

Option



V9171 electropolished stainless steel pipe mounting bracket

Option



V9173 electropolished stainless steel masthead bracket

Option



RA166/00 electropolished stainless steel 4 way ratchet mount

Option



V9174 electropolished stainless steel universal mount

Option

## VHF PROFESSIONAL

RA1110 1 m (3')

3 dB





The RA110 has a wide vertical irradiation plan that, in spite of the reduced dimensions, allows effective communication also when, because of boat rolling and pitching, the antenna is not perfectly vertical. Moreover, the special paint finish and the watertight connector allow to maintain high performance over time.



La RA110 a un vaste plan d'irradiation verticale qui, malgré les dimensions réduites, permet une communication efficace même lorsque l'antenne n'est pas parfaitement verticale, à cause du roulis ou du tangage du bateau. Son vernis spécial et son connecteur étanche permettent à l'antenne de garder des performances élevées dans le temps.



La RA110 ha un ampio piano d'irradiazione verticale che, nonostante le dimensioni ridotte, consente di comunicare efficacemente anche quando, a causa dei movimenti di rollio e beccheggio dell'imbarcazione, l'antenna non è in posizione perfettamente verticale. Inoltre, la speciale verniciatura e il connettore stagno consentono di mantenere prestazioni elevate nel tempo.

# RA110



Sail Boat



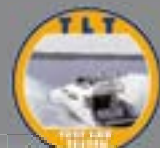
Power Boat



Big Yacht



Commercial Ship



1"x14 adaptor



RA158 - N male nickel-plated connector for RG213



RG213/U (RA118) low loss twin screen coax cable



V9171 electropolished stainless steel pipe mounting bracket



V9173 electropolished stainless steel masthead bracket

Supplied

Supplied

Option

Option

Option



RA166/00 electropolished stainless steel 4 way ratchet mount



V9174 electropolished stainless steel universal mount



V9176 electropolished masthead L bracket

RA110AIS

Option

Option

Option

Match appearance

## VHF PROFESSIONAL



RA800 7 m (23')

9 dB



RA820 7 m (23')

9 dB





They are high gain VHF antennas (9dB) dedicated to large yachts and cargo ships. RA800 and RA820 are collinear antennas consisting of 2 basic antennas (bipolar to half-wave,) aligned vertically with of irradiation exclusion of the coaxial cable to the base. The 43mm (1.7") diameter of the inferior section and stainless steel finishes assures great reliability with long ray communications. The choice between the two models depends from the installation requirements: the RA800 needs a support for installation, whilst the RA820 can be directly mounted on the boat, thanks to the included self-supporting base.



Ce sont des antennes VHF à gain élevé (9dB), conçues pour de grands yachts ou pour des bateaux de commerce. RA800 et RA820 sont des antennes colinéaires se composant de 2 antennes de base (bipolaire à demi-onde), alignées verticalement avec suppression d'irradiation du câble coaxial à la base. La section inférieure de 43 mm (1,7") de diamètre et les finitions en acier inoxydable, assurent une grande fiabilité pour les communications à longue portée. Le choix entre les deux modèles dépend des conditions d'installation : la RA800 nécessite un support d'installation, tandis que, la RA820 peut être directement montée sur le bateau, grâce à sa base autoportante incluse.



Sono antenne VHF ad elevato guadagno (9dB) dedicate ai grandi yacht e alle navi commerciali. RA800 e RA820 sono antenne collineari composte da 2 antenne elementari (dipoli a mezz'onda) allineate verticalmente con soppressione d'irradiazione del cavo coassiale alla base. I 43 mm (1,7") di diametro della sezione inferiore e le finiture in acciaio inox garantiscono grande affidabilità nelle comunicazioni a lungo raggio. La scelta fra i due modelli dipende dalle esigenze d'installazione: la RA800 richiede un supporto per l'installazione, mentre, la RA820 può essere direttamente montata sull'imbarcazione grazie alla base autoportante inclusa.



## RA800 - RA820



Power Boat



Big Yacht



Commercial Ship



RG58ALL (RA152)  
6m/20' coax cable



RA132SOLDERLESS - PL259 male  
gold-plated connector solderless



Self-supporting mount



RA819 electropolished stainless  
steel stand off bracket

RA800	Supplied	Supplied	Unsupported	Option
RA820	Supplied	Supplied	Supplied	Option
	<p><b>RA176*</b> electropolished stainless steel 4 way free swivel mount</p>	<p>RA116SS electropolished stainless steel 4 way ratchet mount</p>	<p>RA116RFC inside reinforcement plate for RA116SS and RA819 (fiberglass boats)</p>	Match appearance
RA800	Option	Option	Option	RA900 (SSB)
RA820	Unsupported	Unsupported	Unsupported	RA920 (SSB)

(\*) RA176 must be coupled with RA119

## VHF PROFESSIONAL

RA703 7 m (23')



800W

RA704 7 m (23')




OPTION





RA719  
ZINC-PLATED STEEL  
STAND-OFF BRACKET




## RA703


 RA703 is the new professional antenna developed to guarantee great performance through high quality materials and a very strong structure. RA703 is a 7 m (23') SSB marine antenna and is completely insulated. It consists of 3 parts (2,35 + 2,35 + 2,30 m) and is finished with a highly resistant polyurethane paint. The particular 3 pieces-structure allows to carry RA703 in practical packaging and to easily install it. For its installation we suggest the use of the 4-way ratchet mount polished stainless steel RA116SS (optional) and the stand-off bracket RA119 (optional).


 RA703 est la nouvelle antenne professionnelle conçue pour assurer des performances élevées grâce aux matériaux de haute qualité et à une structure très solide. RA703 est une antenne marine BLU haute 7 m (23'), complètement isolée, qui se compose de 3 modules (2,35 + 2,35 + 2,30 m), avec vernis externe en polyuréthane hautement résistant aux intempéries. La structure en 3 modules permet de transporter l'antenne avec emballages pratiques et de la installer facilement. Pour son installation, nous conseillons l'utilisation d'un support en acier inoxydable à double fixation RA116SS (en option) et le support intermédiaire RA119 (en option).

 RA703 è la nuova antenna professionale progettata per garantire prestazioni elevate grazie a materiali costruttivi di altissima qualità e ad una struttura molto robusta. È un'antenna marina SSB alta 7 m (23') completamente isolata composta da 3 moduli (2,35 + 2,35 + 2,30), con verniciatura in poliuretano altamente resistente agli agenti esterni. La particolare struttura a 3 moduli consente di trasportare l'antenna in pratici imballaggi ed installarla con grande semplicità. Per la sua installazione si consiglia l'utilizzo del supporto in acciaio inox a doppio snodo RA116SS (opzionale) e del supporto intermedio RA119 (opzionale).

## RA704

 RA704 is the new professional antenna developed to guarantee great performance through high quality materials and a very strong structure. RA704 is a 7 m (23') SSB marine antenna and is completely insulated. It consists of 3 parts (2,35 + 2,35 + 2,30 m) and is finished with a highly resistant polyurethane paint. The particular 3 pieces-structure allows to carry RA704 in practical packaging and to easily install it. RA704 differs from RA703 for installation requirements: RA704 needs two brackets for installation - RA719 (optional).

 RA704 est la nouvelle antenne professionnelle conçue pour assurer des performances élevées grâce aux matériaux de haute qualité et à une structure très solide. RA704 est une antenne marine BLU haute 7 m (23'), complètement isolée, qui se compose de 3 modules (2,35 + 2,35 + 2,30 m), avec vernis externe en polyuréthane hautement résistant aux intempéries. La structure en 3 modules permet de transporter l'antenne avec emballages pratiques et de la installer facilement. RA704 diffère de RA703 pour les conditions d'installation: RA704 nécessite deux equerre d'installation - RA719 (en option).

 RA704 è la nuova antenna professionale progettata per garantire prestazioni elevate grazie a materiali costruttivi di altissima qualità e ad una struttura molto robusta. È un'antenna marina SSB alta 7 m (23') completamente isolata composta da 3 moduli (2,35 + 2,35 + 2,30), con verniciatura in poliuretano altamente resistente agli agenti esterni. La particolare struttura a 3 moduli consente di trasportare l'antenna in pratici imballaggi ed installarla con grande semplicità. RA704 si differenzia da RA703 per le esigenze d'installazione: RA704 richiede l'utilizzo di due staffe RA719 (opzionali) per l'installazione.

# RA703 - RA704



Power Boat



Big Yacht



Commercial Ship



**RA176\*** electropolished stainless steel 4 way free swivel mount



RA119 stand-off reinforced nylon bracket



RA116SS electropolished stainless steel 4 way ratchet mount



RA116RFC inside reinforcement plate for RA116SS and RA819 in fiberglass boats



RA719 zinc-plated steel stand-off bracket

	Option	Option	Option	Option	Unsupported
RA703	Option	Option	Option	Option	Unsupported
RA704	Unsupported	Unsupported	Unsupported	Unsupported	Option

(\*) RA176 must be coupled with RA119

## SSB PROFESSIONAL



RA900 7 m (23')



800W

RA920 7 m (23')



\* see specification  
page 89





This series of antennas is dedicated to large yachts and cargo ships. The RA900 is a completely insulated SSB marine antenna with a side feed for radio frequency input. The RA920 is a self-supporting SSB antenna with a central deck thru' radio frequency input.



Il s'agit d'une série d'antennes dédiées à de grands yachts et aux bateaux de commerce. Le RA900 est une antenne marine BLU complètement isolée, avec entrée latérale de radiofréquence. En revanche, la RA920, est une antenne BLU autoportante avec entrée centrale de radiofréquence.



È una serie di antenne è dedicata ai grandi yacht e alle navi commerciali. La RA900 è un'antenna marina SSB completamente isolata, con ingresso radiofrequenza laterale. La RA920, invece, è un'antenna autoportante SSB con ingresso radiofrequenza centrale.



RA819

SUGGESTED WITH RA176

## RA900 - RA920



Power Boat



Big Yacht



Commercial Ship



Self-supporting mount


**RA176\*** electropolished stainless steel 4 way free swivel mount


RA819 electropolished stainless steel stand off bracket



RA116SS electropolished stainless steel 4 way ratchet mount



RA116RFC inside reinforcement plate for RA116SS and RA819 in fiberglass boats

Match appearance

RA900	Unsupported	Option	Option	Option	Option	RA800 (VHF)
RA920	Supplied	Unsupported	Option	Unsupported	Unsupported	RA820 (VHF)

(\*) RA176 must be coupled with RA819

## SSB PROFESSIONAL

RA160 600 mm (24")

6 dB



RA161 2,4 m (8')

6 dB



RA161



RA160





The RA160 and RA161 antennas allow you to send and receive telephone calls with your own mobile phone whilst at sea.



La RA160 et la RA161 permettent la transmission/réception d'appels téléphoniques avec le téléphone mobile même en haute mer.



Le antenne RA160 e RA161 permettono di ricevere ed effettuare telefonate con il proprio telefono cellulare anche in alto mare.



# RA160 - RA161



Sail Boat



Power Boat

## ANTENNA CODE

## FREQUENCY RANGE

## POLARIZATION

## IMPEDANCE

## SWR

## MAX INPUT POWER

## GAIN AVERAGE

## DC GROUND

## ANTENNA LENGHT

## ANTENNA WEIGHT

## TERMINATION

## RA160

800 - 980 MHz  
1800 - 1900 MHz

Vertical

50 ohms

-

100 W

6 dB

Yes

600 mm (24")

510 g (18 oz)

N female for N male connector

## RA161

800 - 980 MHz

Vertical

50 ohms

-

50 W

6 dB

Yes

2,4 m (8')

742 g (26,17 oz)

cable



RG58ALL (RA152)  
6m/20' coax cable



RA158 - N male connector



RA156 TNC male connector



RA118 - RG213/U low loss twin screen coax cable



V9171 electropolished stainless steel pipe mounting bracket

RA160

Unsupported

Supplied

Unsupported

Option

Option

RA161

Supplied

Unsupported

Supplied

Unsupported

Unsupported



V9173 electropolished stainless steel masthead bracket



RA166/00 electropolished stainless steel 4 way ratchet mount



V9174 electropolished stainless steel universal mount



V9176 electropolished masthead L bracket

Match appearance

RA160

Option

Unsupported

Option

Option

Unsupported

RA161

Unsupported

Option

Option

Unsupported

RA1206 (VHF) - RA1278 (CB)  
RA1288 (AM/FM)

## MOBILE PHONE ANTENNAS

RA160 - RA161



RA106ORBC 1 m (3')

3 dB



3 dB

RA109ORBC 1 m (3')



RA106ORBC



RA109ORBC

(The RA109ORBC antenna has to be used with an extension see pages 106-107)






**GPS/TLSP**  
Antenna case  
and nylon  
mount for  
Panasonic  
Orbcomm/GPS  
Antenna


**OPTION**



**RA106**  
Glomex waterproof  
solderless connector only  
with RA106ORBC

 The ORBCOMM Communication System takes advantage of low orbit satellites for mobile communications (e-mail, SMS, data.) The RA106 ORBC and RA109 ORBC antennas are designed according to ORBCOMM Italia specifications.

 Le système de communication ORBCOMM utilise les satellites dans une orbite basse pour les communications mobiles (email, SMS, données). Les antennes RA106 ORBC et RA109 ORBC ont été conçues selon les spécificités ORBCOMM Italia.

 Il sistema di Comunicazione ORBCOMM utilizza i satelliti in orbita bassa attorno alla Terra per le comunicazioni mobili (e-mail, SMS, data). Le antenne RA106 ORBC e RA109 ORBC sono state sviluppate secondo le specifiche di ORBCOMM Italia.

# RA106ORBC RA109ORBC



Sail Boat



Power Boat



Big Yacht



Commercial Ship



ANTENNA CODE

FREQUENCY RANGE

POLARIZATION

IMPEDANCE

SWR

MAX INPUT POWER

GAIN AVERAGE

DC GROUND

ANTENNA LENGHT

ANTENNA WEIGHT

TERMINATION

**RA106ORBC**

TX148 - RX136 MHz

Vertical

50 ohms

-

-

3 dB

Yes (39")

1 m (3')

180 g (6,35 oz)

RA106 solderless connector

**RA109ORBC**

TX148 - RX136 MHz

Vertical

50 ohms

-

-

3 dB

Yes (39")

1 m (3')

180 g (6,35 oz)

SO239 for PL259 male connector



RA152 - RG58ALL low loss twin  
screen coax cable



RA132GOLD - PL259 male gold plated  
connector twist-on



1"x14 RA106 adaptor

RA106ORBC

**Supplied** 10 m (33') + BNC male

**Unsupported**

**Supplied**

RA109ORBC

**Supplied** 10 m (33') + BNC male

**Supplied**

**Supplied**

## ORBCOMM ANTENNAS

**RA106ORBC - RA109ORBC**

**RA127** 1,5 m (5')



**RA1278** 2,4 m (8')



RA1278



RA127





The Citizens' band, or CB, is a radio frequency band aimed for private communications. The RA127 and RA1278 CB antennas assure a reliable and qualified communication system.



L'antenne Citizens' band, ou CB, est une bande de radiofréquence destinée à des communications privées. Les antennes CB RA127 et RA1278 permettent un système de communication fiable et de qualité.



La Citizens' band, o CB, è una banda di frequenze radio destinata alle comunicazioni personali. Le antenne CB RA127 e RA1278 garantiscono un sistema di comunicazione affidabile e di qualità.

## RA127 - RA1278



Power Boat

### ANTENNA CODE

### FREQUENCY RANGE

### POLARIZATION

### IMPEDANCE

### SWR

### MAX INPUT POWER

### GAIN AVERAGE

### DC GROUND

### ANTENNA LENGTH

### ANTENNA WEIGHT

### TERMINATION

### RA127

27 MHz

Vertical

50 ohms on channel 20

≤ 1,2

50 W

Unity

Yes

1,5 m (5')

450 g (15,90 oz)

cable

### RA1278

27 MHz

Vertical

50 ohms on channel 20

≤ 1,2

50 W

Unity

Yes

2,4 m (8')

786 g (27,72 oz)

cable



RA152 - RG58ALL  
low loss twin screen coax cable



RA132 - PL259 male nickel-plated  
connector twist-on



V9171 electropolished stainless  
steel pipe mounting bracket



V9173 electropolished stainless  
steel masthead bracket

RA127

Supplied 4,5 m (15')

Supplied

Option

Option

RA1278

Supplied 6 m (20')

Supplied

Option

Unsupported



V9174 electropolished  
stainless steel universal  
mount



RA135 nylon 4 way ratched  
mount



RA166/00 electropolished  
stainless steel 4 way ratchet  
mount

Match appearance

RA127

Option

Option

Unsupported

RA112 (VHF) - RA128 (AM/FM)

RA1278

Option

Unsupported

Option

RA1206 (VHF) - RA 161 (CELL) - RA1288 (AM/FM)

## CB ANTENNAS



These are extensions used for vertical elevation of the antenna in order to clear the reception/transmission field. They can be made of stainless steel or UV resistant fibreglass and are the ideal complement to all Glomex (VHF, AIS, etc.) antennas.



Il s'agit de rallonges utilisées pour élever verticalement l'antenne et rendre la zone de réception/transmission libre. Elles peuvent être en acier inoxydable ou en fibre de verre peinte en polyuréthane. Elles complètent parfaitement toutes les antennes à fouet Glomex (VHF, AIS, etc.)



Sono prolunghe utilizzate per elevare verticalmente l'antenna e permettere di liberare il campo di ricezione/trasmissione. Possono essere in acciaio inox, o in fibra di vetro verniciata in poliuretano, e sono il completamento ideale per tutte le antenne a stilo Glomex (VHF, AIS, etc.).

## ELECTROPOLISHED

**RA 103/15** 150 mm (6")



**RA 103/30** 300 mm (12")



**RA 103/60** 600 mm (24")



**RA 123** 1,50 mts (5')



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**RA150** 2,40 mts (8')



**RA120** 2 mts (6,6')



**RA149** 1,2 mts (4')



**RA122/60** 600 mm (24")



## EXTENSIONS

## FIBREGLASS



Power Boat



Sail Boat



These are specific extensions for GPS antennas. They are made of white painted aluminium and, with the side entry point, allow the passage through the centre of cable.



Ce sont des rallonges spécifiques pour les antennes GPS. Elles sont réalisées en aluminium laqué blanc et permettent le passage du câble central et latéral.



Sono prolunghe specifiche per le antenne GPS. Sono realizzate in alluminio laccato bianco e permettono il passaggio del cavo centrale e laterale.

**RA 129/15** 150 mm (6")



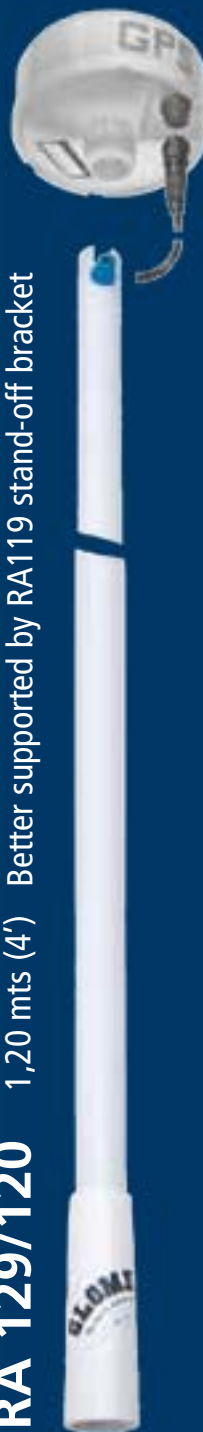
**RA 129/30** 300 mm (12")



**RA 129/60** 600 mm (24")



**RA 129/120** 1,20 mts (4') Better supported by RA119 stand-off bracket



Power Boat



Sail Boat



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**RA115**

4 way ratchet mount in reinforced nylon UV resistant design with handle, for deck or bulkhead. Hole for GPS and feed-thru for coax cable. Usable with antennas no longer than 9' in self supporting mode. Standard 1"x14 thread.

Support double articulation en nylon traité anti-UV pour fixation sur pont ou cloison, avec blocage par levier. Passe-câble pour câble coaxial et GPS. Pour antennes de maximum 2.70 mts en fixations autoportantes. Filetage standard 1"x14.

Base a doppio snodo in nylon rinforzato resistente ai raggi UV, con bloccaggio a leva, per pulpito o ponte. Foro per cavo coassiale e passacavo per GPS. Utilizzabile con antenne autoportanti non più lunghe di 2.70 mt. Filettatura standard 1"x14.

**RA135**

4 way ratchet mount in reinforced nylon UV resistant design with knob, for deck or bulkhead. Hole for GPS and feed-thru for coax cable. Usable with antennas no longer than 8' in self supporting mode. Standard 1"x14 thread.

Support double articulation en nylon traité anti-UV pour fixation sur pont ou cloison, avec blocage par molette. Passe-câble pour câble coaxial et GPS. Pour antennes de maximum 2.40 mts en fixations autoportantes. Filetage standard 1"x14.

Base a doppio snodo in nylon rinforzato resistente ai raggi UV con bloccaggio a manopola, per pulpito o ponte. Foro per cavo GPS e passacavo per GPS. Utilizzabile con antenne non più lunghe di 2.40 mt autoportanti. Filettatura standard 1"x14.

**RA116SS**

Heavy duty 4 way ratchet mount polished stainless steel design with handle, for deck or bulkhead. Hole for GPS and feed-thru for coax cable. Standard 1"x14 thread.

Support double articulation en acier inoxydable poli, pour fixation sur pont ou cloison, avec blocage par levier. Passe-câble pour câble coaxial et GPS. Filetage standard 1"x14.

Base a doppio snodo in acciaio inox elettrolucidato, con bloccaggio a leva, per pulpito o ponte. Foro per cavo GPS e passacavo per cavo coassiale. Filettatura standard 1"x14.

**HEAVY DUTY****ELECTROPOLISHED****RA166/00**

4 way ratchet mount polished stainless steel design with handle, for deck or bulkhead. Hole for GPS and feed-thru for coax cable. Usable with antennas no longer than 9' in self supporting mode. Standard 1"x14 thread.

Support double articulation en acier inoxydable poli, pour fixation sur pont ou cloison, avec blocage a cliquet. Passe-câble pour câble coaxial et GPS. Pour antennes de maximum 2.70 mts en fixations autoportantes. Filetage standard 1"x14.

Base a doppio snodo in acciaio inox elettrolucidato, con bloccaggio a leva, per pulpito o ponte. Foro per cavo GPS e passacavo per cavo coassiale. Utilizzabile con antenne non più lunghe di 2.70 mt autoportanti. Filettatura standard 1"x14.

**ELECTROPOLISHED**

**RA107SS**

4 way ratchet mount polished stainless steel design with clamp, for deck or bulkhead. Hole for GPS and feed-thru for coax cable. Standard 1"x14 thread.

Support double articulation en acier inoxydable poli, pour fixation sur pont ou cloison, avec blocage à cliquet. Passe-câble pour câble coaxial et GPS. Filetage standard 1"x14.

Base a doppio snodo in acciaio inox elettrolucidato, con bloccaggio a levetta a scatto, per pulpito o ponte. Foro per cavo GPS e passacavo per cavo coassiale. Filettatura standard 1"x14.

**ELECTROPOLISHED****RA176**

4 way stainless steel free swivel mount for any mounting location. Designed for a quick antenna lowering, it must be coupled with a stand-off bracket. Standard 1"x14 thread.

Support double articulation en acier inoxydable, pour tous les emplacements de montage. Conçu pour une rapide descente de l'antenne, il doit être couplé avec un support intermédiaire. Filetage standard 1"x14.

Base libera a doppio snodo in acciaio inox, installabile in qualsiasi posizione. Progettata per un rapido e facile abbattimento dell'antenna, deve necessariamente essere abbinata ad uno stand-off bracket. Filettatura standard 1"x14.

**ELECTROPOLISHED****V9177**

Universal electropolished stainless steel mount for antennas and extensions. Standard thread 1"x14, weight 5,3 oz (150 g), height 13/8" (40 mm).

Support universel en acier inoxydable électro-poli pour antennes et rallonges. Filetage standard 1"x14, poids 150 g, hauteur 40 mm.

Supporto universale in acciaio inox elettrolucidato, per antenne e prolunghe. Filettatura standard 1"x14, peso 150 gr, altezza 40mm.

**ELECTROPOLISHED****V9174**

Universal mount stainless steel for antennas and extensions. Standard thread 1"x14, weight 10 oz (280 grs), height 4" (100 mm).

Support universel renforcé en acier inoxydable poli pour antennes et rallonges. Filetage standard 1"x14, poids 280 grs, hauteur 100 mm.

Supporto universale in acciaio inox elettrolucidato, per antenne ed estensioni. Filettatura standard 1"x14, peso 280gr, altezza 100 mm.

**ELECTROPOLISHED**



**RA819**

Stainless steel stand off bracket. Length from 290 to 330 mm. Weight 1,550 Kg.

Support intermédiaire en acier inoxydable électro-poli. Longueur de 290 à 330 mm. Poids 1,550 Kg.

Stand-off bracket in acciaio inox elettrolucidato. Lunghezza da 290 a 330 mm. Peso 1,550 Kg.

**ELECTROPOLISHED**

**V91750T**

Universal mount reinforced nylon for GPS antennas only. Usable with RA129 extension. Standard thread 1"x14, weight 1 oz (27 grs), height 13/8" (40 mm).

Support universel renforcé en nylon pour antennes GPS. Il peut être utilisé avec la rallonge RA129. Filetage standard 1"x14, poids 27 grs, hauteur 40 mm.

Supporto universale in nylon rinforzato, adatto solo per antenne GPS. Utilizzabile con le prolunghes RA129. Filettatura standard 1"x14, peso 27 gr, altezza 40 mm.

**V9175**

Universal mount reinforced nylon for GPS antennas only. Usable with RA129 extension. Standard thread 1"x14, weight 2 oz (50 grs), height 4" (100 mm).

Support universel renforcé en nylon pour antennes GPS. Il peut être utilisé avec la rallonge RA129. Filetage standard 1"x14, poids 50 grs, hauteur 100 mm.

Supporto universale in nylon rinforzato, adatto solo per antenne GPS. Utilizzabile con le prolunghes RA129. Filettatura standard 1"x14, peso 50gr, altezza 100 mm.

**RA119**

Stand-off bracket reinforced nylon. For bulkhead and rail of Ø 1" (25 mm) and 1" 1/4 (30 mm). It accepts Ø 38,5 mm. (1,5") antennas and is supplied with plastic inserts for extensions diam. 1" (25 mm), 1" 1/8 (28 mm) and 1" 1/4 (30 mm).

Support intermédiaire en nylon renforcé. Fixation sur cloison ou balcon (diam. 25 ou 30 mm). Pour antennes de diamètre de 38,5 mm et avec adaptateurs de diamètre de 25, 28 et 30 mm pour rallonges.

Staffa intermedia di fissaggio in nylon rinforzato per fissaggio su diametri di 25 mm, 30 mm. Adattabile anche ad antenne con diametro da 38,5 mm e fornita con accessori di diverso diametro per estensioni con diametro di 25, 28 e 30 mm.

**RA125**

Rail ratchet mount in reinforced nylon UV resistant, design with handle and hole for GPS. Easily installation on vertical or horizontal rails of 7/8" (22mm) and 1" (25mm). Usable with antennas no longer than 8' in self supporting mode. Standard 1"x14 thread.

Rotule renforcée en nylon traité anti-UV, avec blocage par levier et passe-câble pour GPS. Fixation horizontale ou verticale sur balcon diamètre de 22 a 25 mm. Pour antennes de maximum 2.40 mts en fixations autoportantes. Filetage standard 1"x14.

Base a snodo in nylon rinforzato resistente ai raggi UV con bloccaggio a leva, con foro per cavo GPS. Installazione verticale od orizzontale su tubo di diametro compreso tra 22 e 25 mm. Utilizzabile con antenne non più lunghe di 2.40 mt autoportanti. Filettatura standard 1"x14.

**RA134**

Rail ratchet mount in reinforced nylon UV resistant, design with knob and hole for GPS. Easy installation on vertical or horizontal rails of 7/8" (22mm) and 1" (25mm). Usable with antennas no longer than 8' in self supporting mode. Standard 1"x14 thread.

Rotule renforcée en nylon traité anti-UV, avec blocage par molette et passe-câble pour GPS. Fixation horizontale ou verticale sur balcon diamètre de 22 a 25 mm. Pour antennes de maximum 2.40 mts en fixations autoportantes. Filetage standard 1"x14.

Base a snodo in nylon rinforzato resistente ai raggi UV con bloccaggio a manopola, con foro per cavo GPS. Installazione verticale od 22 e 25 mm. Utilizzabile con antenne non più lunghe di 2.40 mt autoportanti. Filettatura standard 1"x14.

**RA145**

Rail mount reinforced nylon UV resistant, for installation of GPS antennas on horizontal rails of 7/8" (22mm) and 1" (25mm). Usable with RA129 extension. Standard 1"x14 thread.

Rotule renforcée en nylon traité anti-UV, pour installation d'antennes GPS sur balcon horizontale de diamètre de 22 ou 25 mm. Il peut être utilisé avec la rallonge RA129. Filetage standard 1"x14.

Base in nylon rinforzato resistente ai raggi UV per l'installazione delle antenne GPS, su tubo orizzontale di diametro compreso tra 22 e 25 mm. Utilizzabile con estensioni serie RA129. Filettatura standard 1"x14.

**RA147**

Rail mount reinforced nylon UV resistant, design with knob, hole for GPS cable and 4 inches extension (100 mm). Easy installation on vertical or horizontal rails of 7/8" (22mm) and 1" (25mm). Usable with antennas no longer than 8' in self supporting mode. Standard 1"x14 thread.

Rotule renforcée en nylon traité anti-UV, avec blocage par molette, passe-câble pour GPS et rallonge de 100 mm. Fixation horizontale ou verticale sur balcon diamètre de 22 a 25 mm. Pour antennes de maximum 2.40 mts en fixations autoportantes. Filetage standard 1"x14.

Base a snodo in nylon rinforzato resistente ai raggi UV con bloccaggio a manopola, foro per cavo GPS ed estensione di 100 mm. Installazione verticale od orizzontale su tubo di diametro compreso tra 22 e 25 mm. Utilizzabile con antenne non più lunghe di 2.40 mt autoportanti. Filettatura standard 1"x14.

**RA165**

Rail ratchet mount stainless steel electropolished, design with handle and hole for GPS. Easily installation on vertical or horizontal rails of 7/8" (22mm) and 1" (25mm). Usable with antennas no longer than 8' in self supporting mode. Standard 1"x14 thread.

Rotule renforcée en en acier inoxydable poli, avec blocage par levier et passe-câble pour GPS. Fixation horizontale ou verticale sur balcon diamètre de 22 à 25 mm. Pour antennes de maximum 2.40 mts en fixations autoportantes. Filetage standard 1"x14.

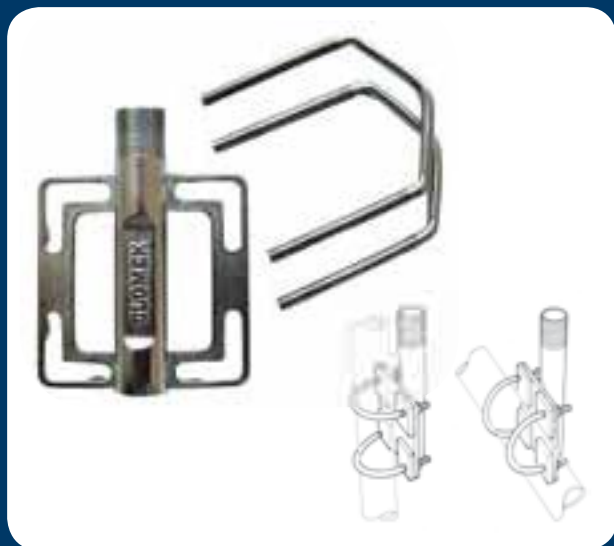
Base a snodo in acciaio inox elettrolucidato con bloccaggio a leva e foro per cavo GPS. Installazione verticale od orizzontale su tubo di diametro compreso tra 22 e 25 mm. Utilizzabile con antenne non più lunghe di 2.40 mt autoportanti. Filettatura standard 1"x14.

**ELECTROPOLISHED****RA175**

Rail mount reinforced nylon UV resistant, for installation of GPS antennas only on horizontal rails of 7/8" (22mm), 1" (25mm) and 1 1/4 (30 mm). Supplied with clamps for all 3 rail diameters.

Rotule renforcée en nylon traité anti-UV, pour installation d'antennes GPS sur balcon horizontale de diamètre de 22, 25 ou 30 mm. Fourni avec adaptateur pour tous les 3 diamètres.

Base a snodo in nylon rinforzato resistente ai raggi UV, per installazione solo su tubo orizzontale di diametro compreso tra 22, 25 o 30 mm. Fornito con adattatori per tutti e tre i diametri del tubo.

**V9171**

Pipe mounting bracket in stainless steel. Mounts on vertical or horizontal tubes diam. 7/8" (22 m) to 3" (80 m). Thread 1"x14, weight 21 oz (600 gr).

Rotule en acier inox inoxydable pour fixation horizontale ou verticale sur balcon de diamètre de 22 à 80 mm. Filetage standard 1"x14, poids 600 grs.

Staffa in acciaio inox elettrolucidato, per installazione su tubo orizzontale o verticale di diametro da 22 a 80 mm. Filettatura 1"x14, peso 600 gr.

**ELECTROPOLISHED****V9181**

Mounting bracket in stainless steel electropolished. For horizontal and vertical mount on tube diameter 7/8" (22 mm) to 1 1/4 (30 mm).

Rotule en acier inoxydable poli. Pour fixation horizontale ou verticale sur balcon de diamètre de 22 à 30 mm.

Staffa di supporto in acciaio inox elettrolucidato. Per installazione su tubo verticale od orizzontale con diametro da 22 a 30 mm.

**ELECTROPOLISHED**



## RA106BRACKET

Aluminium masthead bracket. White glossy polyester UV resistant painted.

Support en aluminium pour installation sur tête de mât. Peinture brillante en polyester blanc, résistant aux rayons UV.

Staffa in alluminio per installazione in testa d'albero. Verniciata poliestere UV resistente, colore bianco.



## RA106BRACKINOX

Electropolished stainless steel masthead bracket.

Support en acier inoxydable électro-poli pour installation sur tête de mât.

Staffa in acciaio inox elettrolucidato per installazione in testa d'albero.

**ELECTROPOLISHED**



## RA106BRACKINOX-L

Electropolished stainless steel L masthead bracket.

Support en L en acier inoxydable électro-poli pour installation sur tête de mât.

Staffa ad L in acciaio inox elettrolucidato per installazione in testa d'albero.

**ELECTROPOLISHED**



## V9173

Masthead racket stainless steel. Thread 1"x14, weight 12 oz (330 grs).

Equerre inox de mat. Filetage standard 1"x14, poids 330 grs.

Staffa per testa d'albero in acciaio inox elettrolucidato. Filettatura 1"x14, peso 330 gr.

**ELECTROPOLISHED**



## V9176

L masthead bracket 1" x 14 thread in stainless steel electropolished, height 8" (200 mm).

Equerre de mat au L filetage 1" x 14 en acier inoxydable poli, hauteur 200 mm.

Supporto ad L filettato 1" x 14 in acciaio inox elettrolucidato per testa ad albero, altezza 200 mm.

**ELECTROPOLISHED**

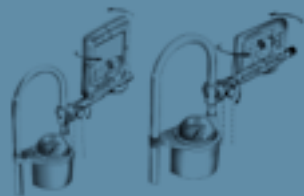


**RA136**

Installation kit for electronic chart plotters on a vertical tube diam. 7/8" (22 mm) and 1" (25 mm). The plotter can be adjusted and folded. Included extension in stainless steel.

Kit d'installation d'un traceur cartographique sur un tube vertical de diamètre de 22 o 25 mm. Le traceur cartographique est mobile et se rabat. Inclus l'extension en acier inox.

Kit per installazione di plotters su tubi verticali di diametro di 22 o 25 mm. Il plotter può essere orientato e abbattuto. Inclusa prolunga in acciaio inox.



**RA137**

Installation kit for electronic chart plotters on horizontal tube diam. 7/8" (22 mm) and 1" (25 mm). The plotter is adjustable.

Kit d'installation d'un traceur cartographique sur un tube horizontal de diamètre de 22 o 25 mm. Le traceur cartographique est orientable.

Kit per installazione di plotters su tubi orizzontali di diametro di 22 o 25 mm. Il plotter è orientabile.



**RA139**

Reinforced nylon 4 way chart plotter mount.

Support renforcé pour traceur cartographique à double articulation.

Staffa supporto plotters a 4 vie in nylon rinforzato.

## ACCESSORIES



**RA101**

Set of 3 rectangular wedges for Glomex ratchet mounts to keep the antenna vertical on inclined surfaces.

Jeu de 3 cales rectangulaires pour rotule Glomex pour permet de maintenir l'antenne verticale sur une surface incline.

Set 3 pezzi rettangolari per basi a snodo Glomex, per permettere di mantenere l'antenna in posizione verticale su superfici inclinate.



**RA102**

Set of 2 round wedges for Glomex mounts V9175 - V9174 - V9124 - V9177 to keep the antenna vertical on inclined surfaces.

Jeu de 2 cales rondes pour supports Glomex V9175 - V9174 - V9124 - V9177 pour permet de maintenir l'antenne verticale sur une surface inclinée.

Set 2 pezzi rotondi per supporti Glomex V9175 - V9174 - V9124 - V9177, per permettere di mantenere l'antenna in posizione verticale su superfici inclinate.



**RA105**

Coaxial Gold Plated feed - thru supplied with PVC threaded protection for the external connector and PL259 Twist Gold Plated Connector.

Passaponte Plaqué or fourni avec manchon d'étanchéité caoutchouc (RA138) pour le connecteur extérieur et connecteur PL259 Plaqué or.

Passaparatia coassiale dorato fornita con protezione in PVC (RA138) per connettore esterno e connettore dorato PL259 (RA132GOLD).



**RA106ADAPT1X14**

Stainless steel adaptor for RA106 PB antennas. Standard thread 1"x14.

Adaptateur en acier inoxydable électro-poli pour les antennes RA106 PB. Filetage standard 1"x14.

Adattatore in acciaio inox elettrolucidato per antenna RA106 PB. Filettatura standard 1"x14.

**ELECTROPOLISHED**



**RA116RFC**

Stainless steel inside reinforcement plate for fibreglass boats for RA116SS and RA819.

Plaque de renforcement en acier inoxydable électro-poli pour bateaux en fibre de verre pour RA116SS et RA819.

Piastra di rinforzo in acciaio inox elettrolucidato per barche in vetroresina per RA116SS e RA819.

**RA138**

Synthetic rubber threaded protection for PL259 connectors.

Manchon d'étanchéité caoutchouc pour connecteur PL259.

Protezione in gomma sintetica per connettori PL259.

**RA140**

Nylon feed-thru for deck passage for one or two coaxial cables and connectors.

Obturbateur / passe-fils en nylon pour 1 ou 2 cables coaxiaux et connecteurs.

Passacavo in nylon per 1 o 2 cavi coassiali e connettori.

**V9101**

Synthetic rubber gasket for aluminium surface insulation for V9174, V9124 and V9177.

Joint en gomme synthétique pour supports V9124, V9174 et V9177 pour isoler des ponts en aluminium.

Guarnizione in gomma sintetica per isolamento su superfici in alluminio per supporti V9124, V9174 e V9177.

**ELECTROPOLISHED****V9102**

Synthetic rubber gasket for aluminium surface insulation for V9172.

Joint en gomme synthétique pour support V9172 pour isoler des ponts en aluminium.

Guarnizione in gomma sintetica per isolamento su superfici in alluminio per il supporto V9172

**RA179**

Wind indicator 12" (300 mm) for masthead or VHF antennas Aloud series.

Girouette de 300 mm pour tête de mat ou antennes série Aloud.

Indicatore vento 300 mm per testa d'albero o antenna VHF serie Aloud.

**RA209**

Reinforced Nylon Masthead Bracket Insulator for Aluminium Sailing Boats. This Nylon reinforced Bracket Insulator suits all the Glomex Sailboat Antenna Models (RA106, RA109, RA2022, RA128/18-25 series). It is supplied with 4 stainless steel nuts.

Isolateur Nylon renforcé pour bateaux à voile. Compatible avec tout antennes voilers Glomex (RA106, RA109, RA2022, RA128/18-25). Fourni avec 4 goudrons inox.

Isolatore in Nylon per barche in alluminio. Questo isolatore è compatibile con tutti i modelli di antenna Glomex per barca a vela (RA106, RA109, RA2022, RA128/18-25). Viene fornito con 4 dadi in acciaio inossidabile.

**V9178**

1"x14 male to 1" BSP female adaptor: allows you to install all the Glomex Antennas with standard 1"x14 thread on a 1" BSP threaded mount. Weight 6.7 oz (190 g), height 3" (80 mm).

1"x14 mâle sur adaptateur 1" bps femelle: il permet d'installer toutes les antennes Glomex avec filetage standard 1"x14 sur support fileté bsp 1". Poids 190 g, hauteur 80 mm.

Adattatore da 1"x14 maschio a 1" gas femmina: per installare tutte le antenne Glomex con filettatura standard 1"x14 su supporti filettati 1" gas. Peso 190 gr, altezza 80mm.

**ELECTROPOLISHED****V9179 KIT**

Adapter Kit composed by 1pc. V9178 and 1pc 1"x14 adaptor: allows you to install the RA2025 Glomex antenna and other antennas on a 1" BSP threaded mount.

Kit adaptateur avec 1 V9178 et 1 adaptateur 1"x14: il permet d'installer l'antenne RA2025 et d'autres antennes sur support fileté bsp 1".

Kit di adattamento composto da un V9178 e un adattatore 1"x14 maschio: per installare l'antenna Glomex RA2025 e altre su supporti filettati 1" gas.

**ELECTROPOLISHED****CE1262**

Radio extension cable, 3,6m (12') length, motorola jack to motorola plug.

**CE1262/10**

Radio extension cable, 10m (33') length, motorola jack to motorola plug

# GROUND PLATES



## RA206

ø 55 mm (2 1/4") is conceived for tanks in order to neutralize static electricity on metal tanks or on metal parts inside of plastic tanks.



## RA202

ø 128 mm (5"). Needs only one hole instead of the two needed to install rectangular plates. Surface 1.7 sq/mt.



## RA203

155x51x13mm (6x2 1/2"). Surface 1,15 sq/mt



## RA204

205x64x13mm (8x2 1/2x1 1/2"). Surface 2 sq/mt



## RA205

300x80x13mm (12x3x1 1/2"). Surface 3,45 sq/mt





## RA207


455x150x13mm (18x6x1 1/2"). Surface 5,75 sq/mt



Nuts, screws and spacers  
SUPPLIED

 Earthing or ground plates are a necessary interface between on board electronic devices and the heat sink: water. Glomex earthing plates are made of golden sintered bronze, that is, they consist of a million microspheres creating a surface 10 times bigger than the actual one. They can have either a rectangular or a circular shape, and are fastened to the hull by means of bronze bolts and nuts, highly resistant to corrosion, and rubber spacers. The exclusive shape offered by Glomex assures a larger surface and a better strength.

 Les plaques de masse sont une interface nécessaire entre les dispositifs électroniques de bord et l'élément de dissipation thermique : l'eau. Les plaques de masse Glomex sont faites en bronze doré fritté, c'est-à-dire, qu'elles se composent de millions de microsphères pouvant atteindre une superficie jusqu'à 10 fois supérieure à celle de la plaque. Elles peuvent être de forme rectangulaire ou ronde et sont fixées au-dessous de la coque à l'aide de vis et d'écrous en bronze, hautement résistants à la corrosion, et d'entretoises isolantes en caoutchouc. Sa forme exclusive conçue par Glomex garantit une plus grande superficie et une meilleure résistance.

 Le piastre di massa sono la necessaria interfaccia tra la strumentazione elettronica di bordo e l'elemento dissipatore: l'acqua. Le piastre di massa Glomex sono realizzate in bronzo dorato sinterizzato, ovvero, sono composte da milioni di microsfele che sviluppano una superficie fino a 10 volte superiore a quella reale. Possono essere di forma rettangolare o circolare, e vengono fissate sotto la carena per mezzo di viti e dadi in bronzo, altamente resistenti alla corrosione, e distanziali isolanti in gomma. La forma esclusiva proposta da Glomex assicura una maggiore superficie ed una maggiore robustezza.



						
MODEL	RA206	RA202	RA203	RA204	RA205	RA207
DIMENSION	Ø 55 mm (2")	Ø 128 mm (5")	155x51x13 mm (6x2 1/2")	205x64x13 mm (8x2 1/2x1 1/2")	300x80x13 mm (12x3x1 1/2")	455x150x13 mm (18x6x1 1/2")
GROUND AREA EQUIVALENT		1,7 m <sup>2</sup> (18,3 ft <sup>2</sup> )	1,15 m <sup>2</sup> (12,4 ft <sup>2</sup> )	2 m <sup>2</sup> (21,5 ft <sup>2</sup> )	3,45 m <sup>2</sup> (37,1 ft <sup>2</sup> )	5,75 m <sup>2</sup> (61,9 ft <sup>2</sup> )
WEIGHT	0,12 kg (0,3 lb)	0,6 kg (1,3 lb)	0,52 kg (1,2 lb)	0,8 kg (1,8 lb)	1,65 kg (3,6 lb)	4,2 kg (9,3 lb)
USE	Tanks	Generators general grounding	Generators general grounding	2 SSB 400W	2 SSB 800W	2 SSB 800W +

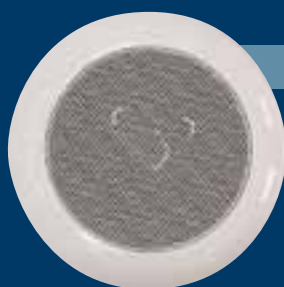


Sail Boat



Power Boat

## LOUD SPEAKERS FOR RADIO AND MUSIC



4 OHMS

**BCN931**

Loud waterproof speaker - white

**BCN931B**

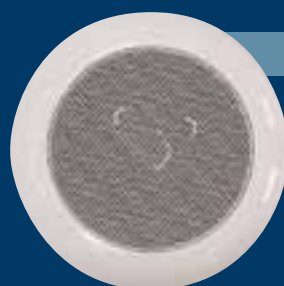
Loud waterproof speaker - black



REMOVABLE GRID

**BCN934**White aluminium grid  
external diameter 165mm**BCN934B**Black aluminium grid  
external diameter 165mm

## EXTERNAL SPEAKERS FOR MARINE VHF RADIOS




8 OHMS


**RA220**


external speaker - white

**RA220B**

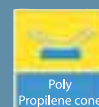
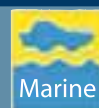
external speaker - black

 Glomex speakers are designed for use in the marine environment. They can be used both inside and outside the yacht and you have a choice between two colours: white and black. The outer grill is interchangeable.

 Les haut-parleurs Glomex sont conçus pour une utilisation dans un environnement marin. Ils peuvent être utilisés aussi bien à l'intérieur qu'à l'extérieur du bateau et sont disponibles en deux couleurs : blanc et noir, la grille externe est interchangeable.

 Gli altoparlanti Glomex sono concepiti per l'applicazione in ambiente marino. Possono essere utilizzati sia all'interno che all'esterno dell'imbarcazione, ed è possibile scegliere fra 2 colori: bianco e nero. La griglia esterna è intercambiabile.

	LOUD SPEAKERS FOR RADIO AND MUSIC	EXTERNAL SPEAKERS FOR VHF MARINE RADIOS
CHANNELS	2	2
MAXIMUM POWER	70 W	70 W
IMPEDANCE	4 ohms	8 ohms
FREQUENCY	from 85 to 20,00 Hz	from 85 to 20,00 Hz
FREQUENCY OF RESONANCE	85 Hz	85 Hz
DISTORSION	max 5%	max 5%
WOOFER	118 mm (4,65") diameter	118 mm (4,65") diameter
MADE OF	polypropilene	polypropilene
MARINE ENVIRONMENT RESISTANT	Yes	Yes
INSTALLED ON RUBBER ABSORBER	Yes	Yes
ELECTRO MAGNET	5 Oz	5 Oz
FERRITE	70x31x10	70x31x10
TWEETER	43mm (1,69") diameter made of MYLAR	43mm (1,69") diameter made of MYLAR
CASE	Monobloc of abs hight resistance to shocks, sea water and U.V. rays	Monobloc of abs hight resistance to shocks, sea water and U.V. rays
FRONTAL REMOVABLE	Yes	Yes
ALUMINIUM COATED GRID	Yes	Yes
EXTERNAL DIAMETER	165 mm (6,5")	165 mm (6,5")
WITH	53 mm (2,09")	53 mm (2,09")
WEIGHT	530 g (18,69 oz)	530 g (18,69 oz)



Sail Boat



Power Boat

VHF 50 Ohms

**RG58 ALL**  
(for VHF antennas)

**Glomex Code**  
**RA152**  
Low loss  
twin screen



**RG213/U**  
(for VHF antennas)

**Glomex Code**  
**RA118**  
Low loss  
twin screen



**RG58C/U MILC17**  
(for VHF antennas)

**Glomex Code**  
**RA117**  
Twin screen



TV 75 Ohms

**RG6/U**  
(for TV antennas)

**Glomex Code**  
**V9135/V9139**  
Low loss  
twin screen



COAXIAL CABLES LINE

RA118	RA117	RA152	RA152/10	RA152/20	V9135	V9139/20	V9139/25
100 mt (328') roll RG 213/U Twin Screen Low Loss	100 mt (328') roll RG 58C/U MIL-C-17 Twin Screen	100 mt (328') roll RG 58 ALL Twin Screen Low Loss	10 mt (33') roll RG 58 ALL Twin Screen Low Loss	20 mt (66') roll RG 58 ALL Twin Screen Low Loss	100 mt (328') roll RG 6/U Twin Screen Low Loss	20 mt (66') roll RG 6/U Twin Screen Low Loss	25 mt (82') roll RG 6/U Twin Screen Low Loss
VHF 50 Ohms					TV 75 Ohms		





Coaxial cable is the component for transferring signal from the antenna to the receiver/sender. Low quality and very long cables can impair the operation of a good antenna, by reducing efficiency, and for this reason Glomex have designed coaxial cables specifically for application in the marine environment and in a high quality to ensure long lasting performance.



Le câble coaxial est le composant transférant directement le signal de l'antenne au récepteur/émetteur, donc, un câble de basse qualité ou un câble trop long peut altérer le fonctionnement d'une bonne antenne, en diminuant son efficacité. Pour cette raison les câbles coaxiaux de Glomex sont spécialement destinés pour l'utilisation en environnement marin en assurant des performances de grande qualité et durables.



Il cavo coassiale è l'elemento che trasferisce direttamente il segnale dall'antenna al ricevitore/trasmittitore, pertanto, cavi di qualità scadente e di lunghezza elevata possono compromettere il funzionamento di una buona antenna, vanificandone l'efficienza. Per questo, Glomex ha progettato dei cavi coassiali specifici per l'applicazione in ambiente marino, capaci di garantire performance qualitativamente superiori e prolungate nel tempo.



GLOMEX CODE	RA152	RA118	RA117	V9135/V9139
TYPE	RG58ALL	RG213/U	RG58C/U	RG6/U
IMPEDANCE OHM	50 ± 2	50 ± 2	50 ± 2	75 ± 2
CAPACITY pF/m	82	80	98	80
SPEED RATIO %	78	80	66	80
SHIELD dB 100-900 Mhz	> 50	> 80	> 50	> 80
STRUCTURAL RETURN-LOSS Db	> 20	> 35	> 35	> 30
Mhz 30-300/300-900	> 20	> 28	> 30	> 28
INNER CONDUCTOR RESISTANCE	38	3,6	38	18
Ohm/Km	18	6	17	21,5
V MAX	1000	2500	1900	-
JACKET INSULATION	-	-	-	0,7
CONDUCTOR DIAMETER	19x0,18 mm (0,75"x0,01")	2,5 mm (0,09")	19x0,18 mm (0,75"x0,01")	1,55 mm (0,06")
MATERIAL	CUST	CU	CUST	CU
DIELECTRIC	PEE	PE	PE	PEE
DIELECTRIC DIAMETER	2,95 mm (0,12")	7,0 mm (0,27")	2,95 mm (0,12")	5,0 mm (0,19")
SHIELD	AL 3 - CUST	F.CU - CU	AL 3 - CUST	CUST
SHIELD %	100	98	98	100
JACKET - TYPE / DIAMETER	PVC - 5,0 mm (0,19")	PE - 10,3 mm (0,41")	PVC - 5,0 mm (0,19")	PVC - 6,7 mm (0,26")
SHIELD	50 mm (1,57")	130 mm (5,12")	110 mm (4,33")	50 mm (1,57")
SHIELD %	3,2 kg (7,05 lb)	12,8 kg (28,22 lb)	3,3 kg (7,27 lb)	3,7 kg (8,16 lb)
JACKET - TYPE / DIAMETER	10 - 20 - 100 m (33' - 66' - 328')	100 m (328')	100 m (328')	20 - 25 - 100 m (66' - 83' - 328')

## ATTENUATION DB X 100 MT AT 20°C

GLOMEX CODE	RA152	RA118	RA117	V9135/V9139
TYPE	RG58ALL	RG213/U	RG58C/U	RG6/U
50 Mhz	8,3	2,9	10,4	4,4
100 Mhz	11,3	4,3	15,1	5,9
200 Mhz	15,9	6,2	22,3	8,2
400 Mhz	23,8	9,3	33,8	16
860 Mhz	38,2	13,8	52	17,9
1000 Mhz	42,9	16	57,8	20
1750 Mhz	-	-	-	27,6
2000 Mhz	-	-	-	29,7

### LEGEND

CU Bare copper  
 CU ST Tinned copper  
 CU AG Silvered copper 4%  
 AL 3 aluminium tape +  
 aluminium + copper  
 F.CU Copper tape  
 AL 2 Aluminium +  
 polyester tape  
 PE Solid polyethylene  
 PEE Foam polyethylene  
 CW Copperweld





50 Ohm

**RA131**

PL259 male connector for RG213/U



50 Ohm

**RA131GOLD**

PL259 male gold plated connector for RG213/U



50 Ohm

**RA132**

PL259 male connector for RG58/U. Twist on



50 Ohm

**RA132GOLD**

PL259 male gold plated connector FOR RG58/U. Twist on



50 Ohm

**RA132SOLDERLESS**

PL259 male gold plated solderless connector for RG58/U



50 Ohm

**RA133**

PL258 double female connector for PL259



50 Ohm

**RA133GOLD**

PL258 double female gold plated connector for PL259



50 Ohm

**RA153**

BNC male nickel plated for RG213/U



50 Ohm

**RA155**

BNC female to TNC male connector



50 Ohm

**RA156**

TNC male connector for RG58/U



50 Ohm

**RA157**

Mini UHF male connector for RG58/U



50 Ohm

**RA158**

N male connector for RG213/U



50 Ohm

**RA159**

N female to TNC female adaptor



75 Ohm

**RA163**

F/F female gold plated connector



75 Ohm

**V9137**

IEC 9,5mm MALE CONNECTOR FOR TV CABLE



75 Ohm

**V9137/F**

IEC 9,5mm FEMALE CONNECTOR FOR TV CABLE



75 Ohm

**V9141**

F FEMALE to IEC 9,5mm MALE FOR TV CABLE ADAPTOR



75 Ohm

**V9142**

F MALE to F FEMALE EXTENSION FOR V9114/ V9114E



75 Ohm

**V9144**

Male gold plated connector for RG59/U and V9135 Glomex coax



75 Ohm

**V9145**

F TERMINATOR 75 Ohm




75 Ohm

**V9146**

F 90° connector

 You can easily show the Glomex products on this Glomex displays and improve your antenna and accessory sales.

 Vous pouvez facilement présenter les antennes et les accessoires Glomex sur ce présentoir qui favorisera vos ventes.

 Puoi facilmente esporre la gamma di prodotti Glomex grazie al comodo display che, indubbiamente incrementerà le tue vendite di antenne e accessori Glomex.



BLISTER PACK

**DISPLAY  
DIMENSIONS:**  
Base ø 600 mm  
Height 2,00 mt

## CARDBOARD TUBE




standard pack 1 pc


## AUS RETAIL PACKAGING




single tubular packaging +  
standard repack 4 pcs

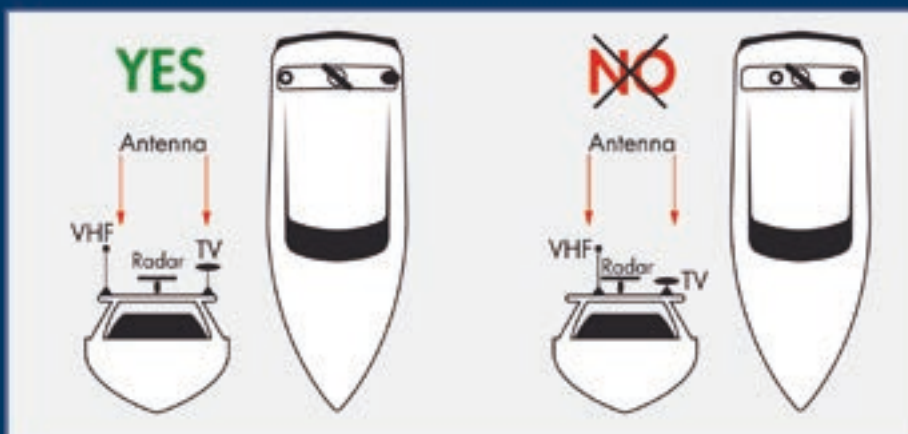
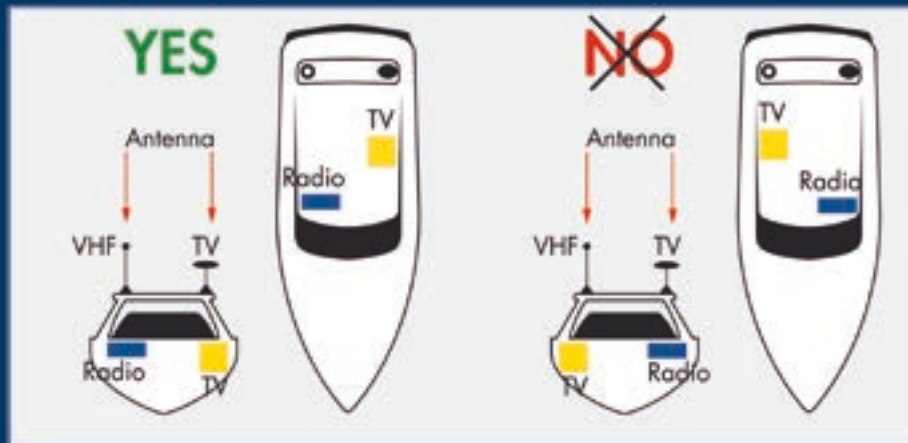


 The **\*AUS** code extension identify these antennas. The price of the **\*AUS** versions is cheaper than the cardboard tube packed antennas.

 Le code **\*AUS** identifie l'emballage de ces antennes. Le prix de cette version **\*AUS** est plus économique que le prix des antennes emballées dans le tube en carton.

 Il codice **\*AUS** identifica l'imballaggio di queste antenne. Il prezzo di questa versione **\*AUS** è più economico di quella imballata nel tubo di cartone.

\* For:  
RA104NY - RA104SS  
RA112 - RA112CR  
RA1206CR - RA1206NY  
RA1288 - RA128  
RA2022/18 - RA2022/25





## GENERAL

Transmitting and/or receiving equipments include three distinct parts, all equally important. These are: the transceiver, the coaxial cable with its connectors carrying the signal to or from the antenna, the antenna itself. At present cables, connectors and antennas often do not get the attention they deserve. Yet, their functionality has a notable effect on the performance of the whole system. A wrong antenna, poor quality coax cable or a low quality connector can waste the money spent for good equipment and a careful installation. At every frequency, besides being free from obstacles, the antenna has to meet precise electrical and electronic requirements. Glomex has always made every effort to develop design and manufacturing qualities to improve antenna performance; besides complying with existing international standards. This means better performance of the entire transceiver system. When choosing an antenna, it is advisable to discuss with your dealer, about all the problems connected with the installation and the type of transceiver. This will let you tackle any problems before they arise. In case this sort of advice is not available, the information provided below should be helpful in selecting the right antenna.

## HEIGHT

For VHF and UHF transmission range, the higher the antenna is positioned, better are the performances.

Following such instructions it will be easy to make the right choice, original Glomex cables and accessories as well as the correct installation will be then decisive factors for obtaining the best result.

## GAIN

It is the most important specs of the antenna. It is indicated in DB; at the higher is the figure, the greater is the range. On the other hand, a high gain decreases the radiation pattern; this means that low gain antennas are less influenced by rolling and pitching of a boat; increasing the gain, the movement of the boat may cause a temporary signal's reduction.

These are the reasons why on planing boats it is suggested to install high gain antennas, while on sailboats, with the masthead subject to swaying, the best would be, whenever possible, an antenna ground plane (RA108).

## POLARIZATION

Each antenna has its own polarization, and also its preferential working plane, to be respected as much as possible. For example VHF, SSB, Loran, CB and cell-phone antennas have a vertical polarization and decrease gradually their gain, increasing their inclination; furthermore the factor is influenced by the frequency, gain losses are greater with high frequencies and progressively diminish reducing the frequency.

Accordingly with the great majority of the stations, the TV antennas have a horizontal polarization, it is therefore necessary to install them in such a position. The incidence of motion is less evident with the omnidirectional models; the directional models have a reception angle max 60° that gives excellent performance if the antennas are correctly oriented but can easily lose the signal due to rolling, pitching or inclination. All this means television antennas must be installed horizontally and other antennas as much vertical as you possible.

## MOUNTS, ACCESSORIES AND INSTALLATION

Quite often the importance of accessories and installation is neglected. Glomex accessories are carefully conceived to offer the correct solution to any installation problem.

They are the result of long experience and testing, with special attention to the new technologies and to the needs of the users. This catalogue provides all the information for the correct choice, your dealer and technician can provide precise specifications.

## COAX CABLE CUTTING

Cutting the Glomex antenna coax cable is not a problem, just remember that a shorter cable enhance the performance of the antenna.

The cable can be cut following a simple rule, do not cut the cable less than 2 mts (7') on VHF antenna. Avoid to cut the cable on CB and TV Antennas.

## DC GROUND

It's referred to the design of the antenna, to avoid static electricity buildup on the antenna element, in order to reduce the noises on the receiver. When tested with an ohm-meter all Glomex VHF, cell-phone and CB Antennas will show continuity.

All Glomex VHF and CB antennas have a built-in DC ground.

## SWR

(Stationary Wave Return)

All the SWR ratios indicated in this catalogue depend on the antenna location on the boat. All antennas have to be clear in all directions and at least 1 meter away from metallic parts. The SWR, when tested, should not exceed 1:1,3 with the antenna installed on the boat.

## EGS

(Electronic Gyro-Stabilized)

The EGS systems allow to compensate the boat movement with quickest and precise compensation available today in the market.



## CRJ and MCRJ

(Coaxial Rotating Joint)

The CRJ allows the antenna to rotate infinitely on itself as no coaxial cable "wrapping" is needed.



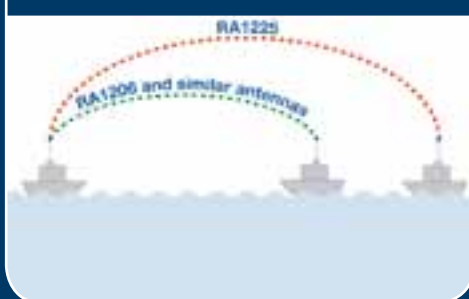
## NIT

(Network Identification Table)

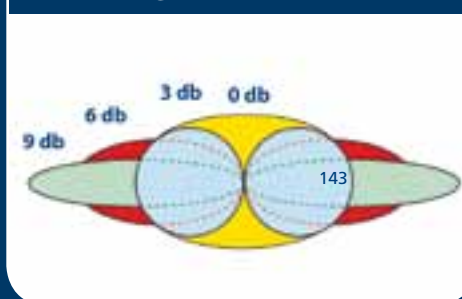
It's a double check to be sure that the antenna is tracking right the satellite you want, as the small separation angle between one satellite and another could generate problems in satellite tracking.



### TYPICAL RANGE



### GAIN PATTERN



## GENERALITES

Un appareil de réception ou de radio transmission est composé de trois parties distinctes, toutes trois importantes: l'appareil Emetteur / Récepteur, le câble coaxial avec l'ensemble de connecteurs et l'antenne. Câbles, connecteurs et antennes sont encore aujourd'hui des éléments souvent négligés.

Et pourtant leur bon fonctionnement à une grande importance, notamment sur tout le système. Une antenne ou un câble coaxial de mauvaise qualité peut rendre inutile l'investissement et les soins portés à l'installation de l'appareil. Pour chaque fréquence, l'antenne, en plus d'être performante dans toutes les directions, doit avoir les qualités électriques et électroniques requises. Glomex s'est toujours employé à respecter toutes ces normes internationales déjà existantes, développant ainsi les qualités du projet et de la construction qui peuvent contribuer à mettre en valeur les prestations de l'antenne et ainsi de la totalité de l'appareil Emetteur / Récepteur. Pour le choix d'une antenne, il est opportun de discuter avec le vendeur ou l'installateur des problèmes spécifiques concernant le montage de l'appareil choisi. Au cas où cela ne serait pas possible, les informations qui suivent peuvent être utiles comme critères de base pour la sélection de l'antenne.

## HAUTEUR

Pour les transmissions VHF et UHF, de manière générale, plus l'antenne est grande, meilleurs sont les résultats. En suivant de telles indications, de mauvais choix ne peuvent être commis.

En choisissant les accessoires et les câbles d'origine Glomex et en étant attentif aux différentes phases de l'installation, on obtient les meilleures performances.

## GAIN

C'est la caractéristique technique principale d'une antenne. Il est exprimé en DB, plus il augmente, plus la portée utile de la communication augmente. Par ailleurs, un gain élevé réduit l'ampleur du diagramme de rayonnement. Ce qui signifie qu'avec des gains bas, la réception et la transmission est moins parasitée par le roulis et le tangage même si la portée est inférieure. Au fur et à mesure que le gain augmente, on a une portée meilleure, mais les mouvements du bateau, roulis, tangages, peuvent provoquer une atténuation temporaire du signal reçu. Pour ces raisons, sur les bateaux à moteur, qui sont moins sujets aux roulis et aux tangages, il est conseillé d'utiliser les antennes à haut gain. Au contraire, sur les voiliers où la tête de mât peut subir des oscillations importantes, il est préférable d'utiliser, dans la mesure du possible, des antennes plan de masse (RA108).

## POLARISATION

Chaque antenne a une polarisation, c'est à dire un plan préférentiel de fonctionnement qui doit être respecté. Par exemple, les antennes VHF, radiotéléphone cellulaire, BLU, LORAN, ont des polarisations verticales et diminuent progressivement leur gain lorsque l'inclinaison augmente.

De plus, le phénomène est accentué par la fréquence. Les antennes TV ont, en accord avec la majorité des stations émettrices, des polarisations horizontales et il est donc indispensable de travailler selon cette polarisation.

Dans le cas d'antennes omnidirectionnelles, le phénomène est légèrement moins évident que pour les antennes directionnelles, qui ont un angle de réception de 60°, et ont d'excellents résultats si correctement orientés, mais qui peuvent facilement perdre le signal en cas de roulis ou tangages. Cela signifie que les antennes TV doivent être installées le plus verticalement possible.

## ROTULES, ACCESSOIRES ET INSTALLATION

L'importance de ces détails est trop souvent sous-évaluée. La série des accessoires Glomex a été très attentivement étudiée afin de résoudre correctement tout problème d'installation.

Ils sont le fruit d'une longue expérimentation pratique et suivent une évolution constante au fur et à mesure que des nouvelles technologies ou exigences émergent. Etant donné l'importance de ces accessoires, ce catalogue fournit toutes les données nécessaires pour permettre un choix correct.

Vendeurs et techniciens sont également en mesure de vous donner des conseils utiles et précis.

## COUPE DU CÂBLE COAXIAL

Couper le câble des antennes Glomex n'est pas un problème, mais coupé un câble trop court, réduit les performances de l'antenne. Laisser 2 mètres minimum de câble pour une antenne VHF.

Eviter de couper le câble d'une antenne CB ou TV.

## LIAISON MASSE

La qualité de fabrication des antennes évite l'accumulation d'électricité statique sur l'élément actif et réduit de ce fait, le bruit au niveau du récepteur.

En conséquence, le test des antennes VHF ou CB Glomex avec un ohmmètre donne une mesure de continuité.

Liaison masse ne veut pas dire que l'antenne doit être connectée à la masse mais que les antennes Glomex VHF et CB GSM sont couplées la masse du câble coaxial.

## SWR

(Stationary Wave Return)

Toutes les mesures indiquées sur ce catalogue dépendent de la position de l'antenne sur votre bateau. Toutes les antennes doivent être dégagées au maximum et éloignées d'un mètre au minimum de toute pièce métallique. Le SWR, quand on le teste, ne doit pas excéder 1:1,3 avec l'antenne installée sur le bateau.

## EGS

(Electronic Gyro-Stabilized)

Le système EGS permet de compenser les mouvements du bateau avec la compensation la plus rapide et précise disponible aujourd'hui sur le marché.

## CRJ et MCRJ

(Coaxial Rotating Joint)

Il permet à l'antenne de tourner à l'infini sur elle-même sur l'axe horizontal, puisque grâce à ce système il ne faut pas rembobiner le câble coaxial.

## NIT

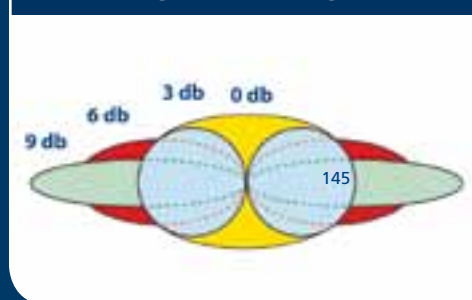
(Network Identification Table)

Il s'agit d'un contrôle spécial utilisé de façon à s'assurer que l'antenne est en train de traquer juste le satellite que vous désirez, puisque le petit angle de séparation entre un satellite et l'autre pourrait engendrer des problèmes dans la poursuite des satellites.

## PORTÉE TYPIQUE



## DIAGRAMME DE GAIN





## GENERALITÀ

Un apparato trasmettente e/o ricevente è composto da tre parti distinte: l'apparecchio ricetrasmittente, il cavo coassiale ed i connettori di collegamento all'antenna. Cavi, connettori ed antenna, sono ancora oggi, elementi spesso trascurati, eppure influenzano molto le prestazioni.

Per ogni frequenza, l'antenna, oltre ad essere libera in ogni direzione, deve avere precisi requisiti elettrici ed elettronici e Glomex è da sempre impegnata per il costante sviluppo e la ricerca di nuove soluzioni evolutive.

Nella scelta di un'antenna è opportuno discutere con il dealer e/o l'installatore, il dettaglio del montaggio in relazione all'apparato scelto. Se ciò non è possibile, alcuni chiarimenti che seguono possono essere utili come criteri di base nella selezione dell'antenna giusta.

## ALTEZZA

Per le trasmissioni VHF e UHF, in genere a maggiore altezza dell'antenna corrispondono migliori prestazioni. Per ogni configurazione abbiamo quindi provveduto a rendere schematicamente l'imbarcazione ottimale di utilizzo di ogni antenna Glomex. Seguendo tale indicazione difficilmente si compiono scelte errate: saranno la scelta degli accessori e dei cavi originali Glomex e la fase dell'installazione fattori determinanti per il miglior risultato pratico.

## GUADAGNO

È il dato saliente delle caratteristiche tecniche di un'antenna. È espresso in dB e con il suo crescere aumenta la portata della comunicazione. D'altra parte un guadagno elevato riduce l'ampiezza del diagramma di radiazione: ciò significa che con bassi guadagni la ricezione e la trasmissione sono meno influenzate da rollio e beccheggio anche se con portata minore, man mano che il gain cresce si ha una portata maggiore ma rollio o beccheggio possono portare ad una diminuzione del segnale. Per questi motivi su barche plananti è consigliabile l'impiego di antenne ad alto guadagno. Su imbarcazioni a vela invece è consigliabile un'antenna di tipo ground plane. (RA108)

## POLARIZZAZIONE

Ogni antenna ha una sua polarizzazione, ovvero un piano preferenziale di funzionamento che deve essere rispettato il più possibile. Per esempio, le antenne VHF, per telefoni cellulari e SSB hanno polarizzazione verticale e diminuiscono il loro guadagno all'aumentare dell'inclinazione. Inoltre il fenomeno è influenzato dalla frequenza: le perdite di guadagno sono maggiori alle alte frequenze e diminuiscono poi con la frequenza.

Le antenne TV hanno polarizzazione orizzontale ed è quindi indispensabile che lavorino in tale posizione.

Nel caso delle omnidirezionali il fenomeno è meno evidente che nel caso delle direzionali, che hanno un angolo di ricezione tanto "stretto" da permettere eccellenti risultati se ben orientate ma che, per rollio, beccheggio o inclinazione, possono facilmente "perdere" il segnale.

## SUPPORTI ACCESSORI E INSTALLAZIONE

L'importanza di questi particolari è spesso sottovalutata! La serie degli accessori Glomex è stata studiata per risolvere in modo corretto qualsiasi problematica di installazione. Anche per tali importanti complementi dealer e tecnici sono in grado di dare utili e precisi suggerimenti.

## ACCESSORI E CAVI COASSIALI

Accorciare i cavi coassiali Glomex, non dovrebbe crearvi dei problemi. Ricordate solamente che più un cavo è corto, più aumentano le performance dell'antenna. Il cavo può essere tagliato seguendo una semplice regola, non tagliare i cavi più corti di due metri nelle antenne VHF. Evitare di accorciare i cavi delle antenne C.B. Non esistono problemi, invece, con i cavi delle antenne televisive.

## DC GROUND DELL'ANTENNA

Misurando con un tester in Ohm un'antenna si verifica che vi è un corto circuito. Tale soluzione costruttiva serve per ridurre le correnti statiche che si possono creare nell'antenna senza ricorrere ad un collegamento a massa e Glomex adotta questo schema per tutte le sue antenne. Grazie al circuito interno che minimizza le correnti statiche, le antenne Glomex non richiedono collegamenti a massa.

## SWR

(Stationary Wave Return)

È la parte di radiofrequenza che l'antenna non irradia a causa del ritorno di onde stazionarie. Un rapporto di 1.5:1 è considerato il massimo accettabile. Tutte le antenne Glomex hanno valori di SWR migliori di tale valore. Tuttavia, il ritorno di onde stazionarie dipende anche dalla posizione dell'antenna, che deve essere ad una distanza minima di 1 m da qualsiasi altro elemento metallico. In situazioni diverse, il valore di SWR misurato può differire da quello misurato da Glomex nel collaudo.

## EGS

(Electronic Gyro-Stabilized)

I giroscopi elettrici installati direttamente sul disco dell'antenna permettono di controbilanciare i movimenti della barca per una compensazione più veloce e precisa del rollio e del beccheggio disponibile oggi sul mercato.

## CRJ e MCRJ

(Coaxial Rotating Joint)

Permette all'antenna di ruotare su se stessa all'infinito, poiché non è necessario il riavvolgimento del cavo coassiale.

## NIT

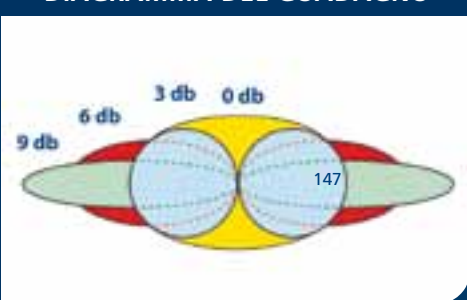
(Network Identification Table)

















È uno speciale controllo per assicurarsi che l'antenna agganci esattamente il satellite che volete, dato che il piccolo angolo di separazione fra un satellite e l'altro potrebbe generare problemi nel mantenimento del segnale.

### FREQUENZA TIPICA










### DIAGRAMMA DEL GUADAGNO







ANTENNA CODE	V9330	V8000	V9000	V9100	V9104	V9801	V9804	R8500
ANTENNA DISH DIAMETER	330 mm (13")	390 mm (15")	390 mm (15")	470 mm (18")	470 mm (18")	600 mm (24")	600 mm (24")	460 x 260 mm (18 x 10")
RADOME DIMENSIONS (diameter x height)	365 x 385 (14 x 15")	420 x 450 mm (16 x 18")	420 x 500 mm (16 x 20")	500 x 560 mm (20 x 22")	500 x 560 mm (20 x 22")	660 x 660 mm (26 x 26")	660 x 660 mm (26 x 26")	530 x 340 mm (20,8 x 13")
	4,5 kg (9,92 lb)	6,0 kg (13,23 lb)	10 kg (22,04 lb)	12,5 kg (27,50 lb)	13 kg (28,50 lb)	15 kg (33,07 lb)	15,5 kg (34,17 lb)	7,5 kg (16,5 lb)
ANTENNA WEIGHT	50° sec	50° sec	50° sec	50° sec	50° sec	50° sec	50° sec	50° sec
TRACKING RATE	31,5 dB	33 dB (12 GHz)	33 dB (12 GHz)	35 dB (12 GHz)	35 dB (12 GHz)	36,5 dB (12 GHz)	36,5 dB (12 GHz)	35 dB (12 GHz)
ANTENNA GAIN	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD	Prime Focus + HPD	OFFSET + H.P.F.
DISH TYPE	Linear (H+V)	Linear (H+V)	Linear (H+V)	Linear (H+V)	Linear (H+V)	Linear (H+V)	Linear (H+V)	Linear (V+H)
POLARIZATION	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 - 12,75 GHz LNB universal	10,7 to 12,75 GHz LNB universal
LNB FREQUENCY RANGE	U.V. resistant	U.V. resistant	U.V. resistant	U.V. resistant	U.V. resistant	U.V. resistant	U.V. resistant	UV resistant
RADOME TYPE	12 Vdc (1 Ah)	12 Vdc (1,5 Ah)	12-24 Vdc (2 Ah)	12-24 Vdc (2,5 Ah)	12-24 Vdc (2,5 Ah)	12-24 Vdc (3 Ah)	12-24 Vdc (3 Ah)	11.5 ÷ 13.8 VDC / 0.9 Ah
POWER REQUIREMENTS	- 20° + 55°	- 20° + 55°	- 20° + 55°	- 20° + 55°	- 20° + 55°	- 20° + 55°	- 20° + 55°	- 20° C to +55° C
OPERATING TEMPERATURE RANGE	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
AZIMUTH TURN RANGE	5° - 90°	5° - 90°	5° - 90°	5° - 90°	5° - 90°	15° - 90°	15° - 90°	15° to 55°
FULL ELEVATION RANGE	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	gyro on 2 axis + 3° axis by interpolation	Gyro on 2 axis + 3° axis by interpolation
TYPE OF STABILIZATION	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)	NIT (Network Information Table)
SATELLITE IDENTIFICATION	52 dBW	50 dBW	50 dBW	49 dBW	49 dBW	47 dBW	47 dBW	48 dBW
MIN EIRP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FUTURE UPGRADES READY	1 output	1 output	1 output	1 output	4 output to multiswitch (max 16 output)	1 output	4 output to multiswitch (max 16 output)	1 output
DECODER OUTPUT	No	No	No	No	Yes	No	Yes	No
AUTOSKEW OPTION	3 satellite loaded: ASTRA1 19°E - ASTRA2 28°E - HOTBIRD 13°E	3 satellite loaded: ASTRA1 19°E - ASTRA2 28°E - HOTBIRD 13°E	8 satellite loaded	8 satellite loaded	8 satellite loaded	8 satellite loaded	8 satellite loaded	3 satellite loaded: ASTRA1 19°E - ASTRA2 28°E - HOTBIRD 13°E
CONTROL UNIT								
VESSEL TYPE								






ANTENNA CODE	V9114E	V9125/12	V9126	V9112/12EC	V9112/12AB	V9112/12	V9150/12
ANTENNA DIAMETER	100 mm (4")	250 mm (10")	250 mm (10")	370 mm (14")	370 mm (14")	370 mm (14")	370 mm (14")
ANTENNA HEIGHT	210 mm (8") [560 mm - 22" with vertical whip]	120 mm (5") [151 mm (5,9") with shark fin]	300 mm (12")	185 mm (7") [240 mm (9,5") with shark fin]	185 mm (7") [240 mm (9,5") with shark fin]	185 mm (7") [240 mm (9,5") with shark fin]	185 mm (7") [240 mm (9,5") with shark fin]
BASE DIAMETER	25 mm (1")	25 mm (1")	25 mm (1")	25 mm (1")	25 mm (1")	25 mm (1")	25 mm (1")
ANTENNA WEIGHT	250 g (8,81 oz)	350 g (12,34 oz) [405 g (14,29 oz) with shark fin]	430 g (15,17 oz)	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]	900 g (31,74 oz) [975 g (34,39 oz) with shark fin]
RADOME MATERIAL	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA	U.V. resistant ASA
ANGLE OF RECEPTION	360°	360°	360°	360°	360°	360°	360°
POLARIZATION	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
IMPEDANCE	75 ohms	75 ohms	75 ohms	75 ohms	75 ohms	75 ohms	75 ohms
FREQUENCY RANGE	40/890 MHz	40/890 MHz	40/890 MHz	40/890 MHz	40/890 MHz	40/890 MHz	40/890 MHz
GAIN AVERAGE	25 dB	26 dB	27,5 dB	27,5 dB	27,5 dB	27,5 dB	36 dB
NOISE FACTOR	2,2 dB	2,2 dB	2,1 dB	2,2 dB	2,1 dB	2,1 dB	2,1 dB
POWER CONSUMPTION	20 mA	20 mA	45 mA	20 mA	20 mA	20 mA	20 mA
POWER SUPPLY	12 Vdc	12-24 Vdc	12-24 Vdc	12-24 Vdc	12-24 Vdc	12-24 Vdc	12-24 Vdc
ADJUSTABLE GAIN	No	Yes	Yes	Yes	Yes	Yes	Yes
ANTENNA AMPL/BY PASS	No	No	Yes	No	No	Yes	no
A/B SWITCH	No	No	No	No	Yes	No	Yes
TV SET MAX	1	2	2	2	2	2	6
TERMINATION	F female	F female	F female	F female	F female	F female	F female
CONNECTOR SUPPLIED	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)
VESSEL TYPE							







ANTENNA CODE	V9130	V9160VENUS	V9160SATURN	V9160MARS
ANTENNA DIAMETER	370 mm (14")	420 mm (16")	500 mm (20")	660 mm (26")
ANTENNA HEIGHT	260 mm (10")	500 mm (20")	560 mm (22")	660 mm (26")
BASE DIAMETER	25 mm (1")	420 mm (16")	500 mm (20")	660 mm (26")
ANTENNA WEIGHT	1,5 kg (3,31 lb)	8 kg (17,63 lb)	8 kg (17,63 lb)	10 kg (22,04 lb)
RADOME MATERIAL	U.V. resistant ASA	U.V. resistant	U.V. resistant	U.V. resistant
ANGLE OF RECEPTION	60°	60°	60°	60°
POLARIZATION	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
IMPEDANCE	75 ohms	75 ohms	75 ohms	75 ohms
FREQUENCY RANGE	170/220 MHz (VHF) 470/860 MHz (UHF)	170/220 MHz (VHF) 470/860 MHz (UHF)	170/220 MHz (VHF) 470/860 MHz (UHF)	170/220 MHz (VHF) 470/860 MHz (UHF)
GAIN AVERAGE	36 dB	27,5 dB	27,5 dB	27,5 dB
NOISE FACTOR	2,1 dB	2,1 dB	2,1 dB	2,1 dB
POWER CONSUMPTION	300 mA (motor moving) 150 mA (stand by mode)	300 mA (motor moving) 150 mA (stand by mode)	300 mA (motor moving) 150 mA (stand by mode)	300 mA (motor moving) 150 mA (stand by mode)
POWER SUPPLY	12 Vdc	12-24 Vdc	12-24 Vdc	12-24 Vdc
ADJUSTABLE GAIN	Yes	Yes	Yes	Yes
ANTENNA AMPLIFY PASS	Yes	Yes	Yes	Yes
A/B SWITCH	No	No	No	No
TV SET MAX	2	2	2	2
TERMINATION	F female	F female	F female	F female
CONNECTOR SUPPLIED	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)	F male gold plated connector (V9144)
VESSEL TYPE				



ANTENNA CODE	RA121	RA124	RA104SSAUS	RA104NYAUS	RA106SLSPB	RA106GRPPB	RA106SLSPB6135	RA106GRPPB6135
FREQUENCY RANGE	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz
GAIN AVERAGE	1 dB	50 ohms	3 dB	3 dB	3 dB	3 dB	3 dB	3 dB
IMPEDANCE	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	50 W	50 W	100 W	100 W	100 W	100 W	100 W	100 W
DC GROUND	No	No	Yes	Yes	Yes	Yes	Yes	Yes
ANTENNA LENGHT	210 mm (8")	300 mm (12")	1 m (3')	1 m (3')	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")
ANTENNA WEIGHT	250 g (8,81 oz)	430 g (15,17 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)
TERMINATION	SO239 for PL259 male connector	SO239 for PL259 male connector	cable	cable	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector
VESSEL TYPE								

ANTENNA CODE	RA106SLSRIB	RA106GRPRIB	RA106SLSSB18	RA106GRPSB18	RA106SLSSB25	RA106GRPSB25	RA109SLS	RA109GRP
FREQUENCY RANGE	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz
GAIN AVERAGE	3 dB	3 dB	3 dB	3 dB	3 dB	3 dB	3 dB	3 dB
IMPEDANCE	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
SWR	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz	1,3 at 156,8 MHz
MAX INPUT POWER	100 W	100 W	100 W	100 W	100 W	100 W	100 W	100 W
DC GROUND	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ANTENNA LENGHT	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")	900 mm (35")
ANTENNA WEIGHT	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)	180 g (6,35 oz)
TERMINATION	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector	SO239 for PL259 male connector	SO239 for PL259 male connector
VESSEL TYPE								













ANTENNA CODE	RA112	RA112CR	RA1206NY	RA1206CR	RA113	RA500
FREQUENCY RANGE	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz
GAIN AVERAGE	3 dB	3 dB	6 dB	6 dB	6 dB	9 dB
IMPEDANCE	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	100 W	100 W	100 W	100 W	100 W	100 W
DC GROUND	Yes	Yes	Yes	Yes	Yes	Yes
ANTENNA LENGHT	1,5 m (5')	1,5 m (5')	2,4 m (8')	2,4 m (8')	2,7 m (9')	6,4 m (21') - two pieces (4 + 2,4 m)
ANTENNA WEIGHT	450 g (15,90 oz)	580 g (20,45 oz)	456 g (16,08 oz)	670 g (23,63 oz)	960 g (33,90 oz)	2,95 Kg (6,50 lb)
TERMINATION	Cable	Cable	Cable	Cable	Cable	Cable
VESSEL TYPE						







ANTENNA CODE	RA1225	RA2022/18AUS	RA2022/25AUS	RA111	RA114	RA2025
FREQUENCY RANGE	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz
GAIN AVERAGE	6 dB	3 dB	3 dB	1 dB	1 dB	3 dB
IMPEDANCE	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
POLARIZATION	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
SWR	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
MAX INPUT POWER	100 W	50 W	50 W	50 W	50 W	100 W
DC GROUND	Yes	Yes	Yes	No	No	Yes
ANTENNA LENGHT	2,4 m (8')	1,5 m (5')	1,5 m (5')	140 mm (5")	350 mm (14")	1 m (3')
ANTENNA WEIGHT	742 g (26,17 oz)	400 g (14,10 oz)	400 g (14,10 oz)	220 g (7,76 oz)	900 g (31,74 oz)	150 g (5,29 oz)
TERMINATION	Cable	Cable	Cable	RA106 solderless connector	RA106 solderless connector	RA106 solderless connector
VESSEL TYPE						


















## AIS ANTENNAS

ANTENNA CODE	RA111AIS	RA110AIS
FREQUENCY RANGE	161,975 - 162,025 MHz	161,975 - 162,025 MHz
POLARIZATION	Vertical	Vertical
IMPEDANCE	50 ohms	50 ohms
SWR	≤ 1,2 at 162 MHz	≤ 1,2 at 162 MHz
MAX INPUT POWER	50 W	50 W
GAIN AVERAGE	1 dB	3 dB
DC GROUND	No	No
ANTENNA LENGHT	140 mm (5")	1 m (3')
ANTENNA WEIGHT	220 g (7,76 oz)	536 g (18,90 oz)
TERMINATION	S0239 for PL259 male connector	S0239 for PL259 male connector
VESSEL TYPE	    	    

## SSB ANTENNAS

ANTENNA CODE	RA600	RA700
FREQUENCY RANGE	2 - 30 MHz with tuners	2 - 30 MHz with tuners
POLARIZATION	-	-
IMPEDANCE	N.A.	N.A.
SWR	-	-
MAX INPUT POWER	400 W	800 W
GAIN AVERAGE	N.A.	N.A.
DC GROUND	-	-
ANTENNA LENGHT	7 m (23') - two pieces (4 + 3 m)	7 m (23') - two pieces (4 + 3 m)
ANTENNA WEIGHT	2,16 kg (4,76 lb)	2,514 kg (5,54 lb)
TERMINATION	side feed termination bolt	central feed
VESSEL TYPE	  	  





## AM/FM ANTENNAS

ANTENNA CODE	RA1281	RA128	RA128/18	RA128/25	RA1288
FREQUENCY RANGE	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz	AM 550 - 1600 KHz/ FM 88 - 108 MHz
POLARIZATION	-	-	-	-	-
IMPEDANCE	93 ohms	93 ohms	93 ohms	93 ohms	93 ohms
SWR	-	-	-	-	-
MAX INPUT POWER	-	-	-	-	-
GAIN AVERAGE	-	-	-	-	-
DC GROUND	-	-	-	-	-
ANTENNA LENGHT	300 mm (12")	1,5 m (5')	1,5 m (5')	1,5 m (5')	2,4 m (8')
ANTENNA WEIGHT	267 g (9,42 oz)	490 g (17,28 g)	400 g (14,10 oz)	400 g (14,10 oz)	600 g (21,16 oz)
TERMINATION	Motorola plug	Motorola plug	Motorola plug	Motorola plug	Motorola plug
VESSEL TYPE	  	  	  	  	  





# AIS ANTENNAS - SSB ANTENNAS - AM/FM ANTENNAS

# PROFESSIONAL ANTENNAS

## VHF PROFESSIONAL

ANTENNA CODE	RA108	RA110	RA800	RA820
FREQUENCY RANGE	156/162 MHz	156/162 MHz	156/162 MHz	156/162 MHz
POLARIZATION	3 dB	3 dB	9 dB	9 dB
IMPEDANCE	50 ohms	50 ohms	50 ohms	50 ohms
SWR	Vertical	Vertical	Vertical	Vertical
MAX INPUT POWER	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz	≤ 1,3 at 156,8 MHz
GAIN AVERAGE	100 W	100 W	100 W	100 W
DC GROUND	Yes	Yes	Yes	Yes
ANTENNA LENGHT	1,2 m (4')	1 m (3')	7 m (23') - two pieces (4 + 3 m)	7 m (23') - two pieces (4 + 3 m)
ANTENNA WEIGHT	770 g (27,16 oz)	536 g (18,90 oz)	8,45 Kg (18,63 lb)	9,1 Kg 20,06 lb)
TERMINATION	SO239 for PL259 male connector	N female for N male connector	Cable	Cable
VESSEL TYPE				



## SSB PROFESSIONAL

ANTENNA CODE	RA703	RA704	RA900	RA920
FREQUENCY RANGE	2 – 30 MHz with tuners	2 – 30 MHz with toner	2 – 30 MHz	2 – 30 MHz
POLARIZATION	-	-	-	-
IMPEDANCE	N.A.	N.A.	N.A.	N.A.
SWR	-	-	-	-
MAX INPUT POWER	800W	800W	800 W	800 W
GAIN AVERAGE	N.A.	N.A.	-	-
DC GROUND	-	-	-	-
ANTENNA LENGHT	7 m (23') – three pieces (2,35 + 2,35 + 2,30 m)	7 m (23') – three pieces (2,35 + 2,35 + 2,30 m)	7 m (23') - two pieces (4 + 3 m)	7 m (23') - two pieces (4 + 3 m)
ANTENNA WEIGHT	2,465 kg (5,4 lb)	2,390 kg (5,27 lb)	10 kg (22,04 lb)	10 kg (22,04 lb)
TERMINATION	side feed termination bolt	side feed termination bolt	side feed termination bolt	self-supporting mount
VESSEL TYPE				









MOBILE PHONE ANTENNAS

ANTENNA CODE	RA160	RA161
FREQUENCY RANGE	800 - 980 MHz 1800 - 1900 MHz	800 - 980 MHz
POLARIZATION	Vertical	Vertical
IMPEDANCE	50 ohms	50 ohms
SWR	-	-
MAX INPUT POWER	100 W	50 W
GAIN AVERAGE	6 dB	6 dB
DC GROUND	Yes	Yes
ANTENNA LENGHT	600 mm (24")	2,4 m (8')
ANTENNA WEIGHT	510 g (18 oz)	742 g (26,17 oz)
TERMINATION	N female for N male connector	
VESSEL TYPE		

ORBCOMM ANTENNAS

ANTENNA CODE	RA106ORBC	RA109ORBC
FREQUENCY RANGE	TX148 - RX136 MHz	TX148 - RX136 MHz
POLARIZATION	Vertical	Vertical
IMPEDANCE	50 ohms	50 ohms
SWR	-	-
MAX INPUT POWER	-	-
GAIN AVERAGE	3 dB	3 dB
DC GROUND	Yes (39")	Yes (39")
ANTENNA LENGHT	1 m (3')	1 m (3')
ANTENNA WEIGHT	180 g (6,35 oz)	180 g (6,35 oz)
TERMINATION	RA106 solderless connector	SO239 for PL259 male connector
VESSEL TYPE		

MOBILE PHONE ANTENNAS

ANTENNA CODE	RA127	RA1278
FREQUENCY RANGE	27 MHz	27 MHz
POLARIZATION	Vertical	Vertical
IMPEDANCE	50 ohms on channel 20	50 ohms on channel 20
SWR	≤ 1,2	≤ 1,2
MAX INPUT POWER	50 W	50 W
GAIN AVERAGE	Unity	Unity
DC GROUND	Yes	Yes
ANTENNA LENGHT	1,5 m (5')	2,4 m (8')
ANTENNA WEIGHT	450 g (15,90 oz)	786 g (27,72 oz)
TERMINATION	cable	cable
VESSEL TYPE		

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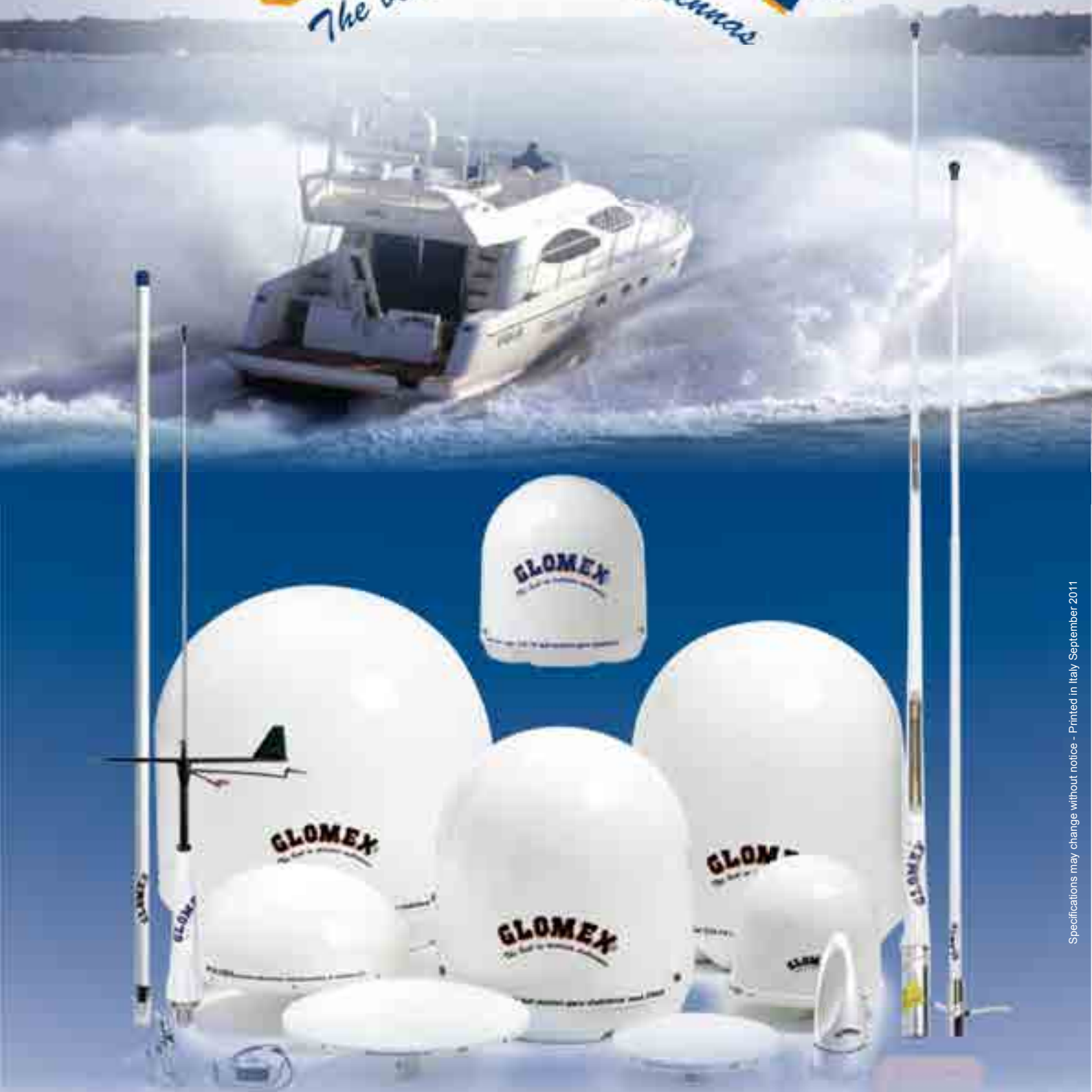




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